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FEBRUARY 1982

Massachusetts Board of Library Commissioners  
Planning and Research Unit  
648 Beacon Street · Boston, MA 02215

Comparative Public  
Library Report

**DATA FOR  
MASSACHUSETTS FY84**



# Massachusetts Board of Library Commissioners

648 Beacon Street, Boston, Massachusetts 02215

## Memorandum

To Public Library Directors

From Planning and Research Unit

Subject Data for Massachusetts FY81: Comparative Public Library Report

Date: March 26, 1982

The enclosed report, compiled from your responses to the FY81 Statistics of Public Libraries form, covers the period ending June 30, 1981. A summary of the impact of Proposition 2½ on public library service during FY81 and as expected in FY82 prior to the receipt of local aid monies is also enclosed.

As in the FY80 Report, libraries were asked to exclude any income from and expenditure of federal and state monies (except for Federal Revenue Sharing and Library Incentive Grant funds which are components of Total Appropriated Municipal Income).

The 1981 Public Library Personnel Report is scheduled for publication by the middle of June. Please contact the Planning and Research Unit if you would like specific personnel data prior to that time.

cc: State Library Agencies  
ALA Accredited Library Schools

Enclosures: Data for Massachusetts, FY81: Comparative Public Library Report  
FY81 Regional Addendum  
FY81 Statistics of Public Libraries Statewide Summary Table  
Memo concerning the Impact of Implementing Proposition 2½





FY81 COMPARATIVE PUBLIC LIBRARY REPORT: REGIONAL ADDENDUM

Average Per Capita Figures For All Reporting Municipalities

By Population Group and Regional Affiliation for 11 Indicators of Library Support and Activity

I N D I C A T O R S

POPULATION GROUP	Total Library Income \$			Municipal Appropriations \$			Total Lib. Oper. Expenditures \$			Salary Expenditures \$			Material Expenditures \$		
	C	E	W	C	E	W	C	E	W	C	E	W	C	E	W
I 0-1,999	7.22	13.32	4.88	5.00	12.61	3.93	7.01	12.78	4.66	3.08	6.33	2.11	1.84	3.93	1.38
II 2,000-4,999	7.22	11.98	7.40	6.45	11.68	5.54	7.11	11.62	7.26	3.74	7.10	3.72	1.79	2.62	1.56
III 5,000-9,999	7.41	8.93	7.37	7.01	8.61	6.92	7.36	8.80	7.19	4.49	5.41	4.12	1.57	1.95	1.50
IV 10,000-24,999	9.20	11.00	9.72	8.83	10.46	9.41	8.93	10.79	9.59	5.75	7.27	6.26	1.77	2.07	1.82
V 25,000-49,999	12.23	11.73	9.37	11.67	11.19	8.24	12.22	11.54	9.32	8.00	7.93	5.96	2.28	1.87	1.54
VI 50,000-99,999	—	10.20	8.68	—	9.95	8.22	—	10.06	8.62	—	7.57	6.91	—	1.38	1.11
VII 100,000+	14.69	17.32	19.88	14.42	17.07	17.31	14.31	17.24	17.48	10.62	11.62	12.03	1.97	2.14	2.16
Regional Per Capita All Groups	10.27	11.69	10.85	9.84	11.29	9.72	10.06	11.52	10.29	6.69	7.98	6.81	1.83	1.84	1.64

Continued on Reverse

FY81 COMPARATIVE PUBLIC LIBRARY REPORT: REGIONAL ADDENDUM  
Average Per Capita Figures For All Reporting Municipalities  
By Population Group and Regional Affiliation (cont.)

I N D I C A T O R S

POPULATION GROUP	Holdings-Print Volumes			Holdings NonPrint-Items			Circulation Print - Volumes			Circulation NonPrint-Items			Total Holdings			Total Circulation		
	C	E	W	C	E	W	C	E	W	C	E	W	C	E	W	C	E	W
I 0-1,999	8.11	12.26	7.83	.14	.10	.16	7.71	9.93	7.15	.07	.10	.18	8.25	12.36	7.99	7.78	10.03	7.33
II 2,000-4,999	4.87	6.37	7.86	.08	.15	.09	5.85	9.34	6.70	.15	.21	.19	4.96	6.53	7.95	6.00	9.55	6.89
III 5,000-9,999	3.91	4.18	4.57	.08	.10	.12	5.52	7.01	6.12	.24	.19	.17	3.99	4.28	4.69	5.76	7.20	6.28
IV 10,000-24,999	3.09	3.85	3.64	.09	.13	.15	6.07	7.44	8.14	.29	.29	.38	3.18	3.98	3.79	6.36	7.73	8.53
V 25,000-49,999	3.94	3.67	4.64	.14	.14	.18	6.02	6.68	6.84	.44	.29	.30	4.08	3.82	4.81	6.46	6.96	7.14
VI 50,000-99,999	—	3.46	2.61	—	.12	.16	—	4.71	6.51	—	.18	.62	—	3.58	2.76	—	4.90	7.13
VII 100,000+	5.28	8.66	4.72	.11	.52	.16	5.06*	3.02	5.82	—	.15	.77	5.39	9.18	4.88	5.06	3.17	6.58
Regional Per Capita All Groups	4.08	4.41	4.55	.10	.18	.15	5.72	5.88	6.75	.21	.23	.43	4.17	4.59	4.70	5.93	6.11	7.18

C= Central Massachusetts Regional Library System; 64 reporting municipalities with a 1980 federal census of 685,743  
E= Eastern Massachusetts Regional Library System; 174 reporting municipalities with a 1980 federal census of 4,211,739  
W= Western Massachusetts Regional Library System; 87 reporting municipalities with a 1980 federal census of 758,791

\* includes non-print

Source: FY81 Statistics of Public Libraries form

Compiled by: Massachusetts Board of Library Commissioners, Planning and Research Unit, February 25, 1982



FY 81 STATISTICS OF PUBLIC LIBRARIES STATEWIDE SUMMARY TABLE

(per capita figures in parenthesis)

Fiscal Year	No. of Reporting Libraries	\$ Municipal Appropriations	\$ Total Library Income	\$ Total Lib. Oper. Expenditures	\$ Salary Expenditures	\$ Materials Expenditures	Holdings		Circulation	
							Print	Print and Non-Print	Print	Print and Non-Print
1980	350	57,712,466 (10.35)	60,541,822 (10.86)	59,607,778 (10.69)	41,267,257 (7.40)	9,861,854 (1.77)	25,187,000 (4.52)	25,781,900 (4.62)	33,524,000 (6.01)	34,770,700 (6.24)
1981	356	61,654,748 (10.90)	64,494,578 (11.40)	63,232,364 (11.18)	43,365,264 (7.67)	10,232,683 (1.81)	24,825,000 (4.39)	25,763,000 (4.55)	33,804,000 (5.98)	35,255,500 (6.23)
% change FY80-81	1.7	6.83	6.53	6.08	5.08	3.76	-1.44	-.07	.8	1.4

Beginning with FY80, Federal Revenue Sharing and Library Incentive Grant funds are the only federal and state monies included in these statewide figures.

Per capita figures are based on the population (1980 U.S. census) of municipalities served by responding libraries. For FY80 per capitas, the population base is 5,575,404 which excludes 32 municipalities with a total population of 161,633. For FY81 per capitas, the population base is 5,656,273 which excludes 26 municipalities with a total population of 80,764. According to the 1980 U.S. census, the total state population is 5,737,037.

In FY80, Salary Expenditures represented 69.25%, Materials Expenditures 16.54% and Other Operating Expenditures 14.22% of Total Operating Expenditures. For FY81, the percentages were 68.58%, 16.18%, and 15.24% respectively.

Source: FY80 and FY81 Statistics of Public Libraries forms.

Compiled by: Massachusetts Board of Library Commissioners, Planning and Research Unit. March 2, 1982



# Massachusetts Board of Library Commissioners

648 Beacon Street, Boston, Massachusetts 02215

## Memorandum

To Public Library Directors  
From Planning and Research Unit  
Subject Summary of the Impact of Implementing Proposition 2½ during FY81 and the Expected Impact for FY82  
Date: March 26, 1982

The following data concerning revenue, personnel, services, and fines/fees were compiled from responses to the FY81 Statistics of Public Libraries form and 1981 Public Library Personnel Report Questionnaire which were completed during the summer of 1981. At that time, respondents did not know the amount or distribution criteria for FY82 local aid monies. Therefore, the following summary was prepared without reference to those funds subsequently received by cities and towns in the fall of 1981.

Receipt of local aid monies undoubtedly enabled some libraries to recover some revenues, staff hours, and services during FY82. We will not, however, know the extent to which this happened until the FY82 report surveys are completed this summer.

The following summary does reflect the impact of Proposition 2½ on the responding libraries at the close of FY81 and the conditions under which library services were planned for FY82.

## REVENUE - FY81 IMPACT

Seventy-two municipalities across the state (22% of the 325 reporting) reduced the library's appropriation during FY81. The reductions totaled approximately \$524,000 or 3.6% of the total statewide municipal appropriation. Most frequently, reductions were imposed indirectly as a result of a hiring freeze when libraries were asked to return unexpended monies to the municipality, or directly, when municipalities requested libraries to return a specified amount of their appropriation.

The following chart illustrates that the larger the population served by a library, the more likely the library suffered a revenue reduction during FY81. However, statewide, the rate of the reduction remained fairly consistent regardless of the population served by the library.



FY81 Reductions to Public Library Operating Appropriations  
Resulting from the Implementation of Proposition 2½<sup>d</sup>

Population	Municipalities Reducing Appropriation		Reductions	
	#	% of reporting	Amount (\$)	% of appropriation
under 10,000	32	18.18%	43,199	3.67%
10,000 - 24,999	18	20.45%	92,046	3.19%
25,000 & over	22	36.07%	389,294	3.66%
STATEWIDE	72	22.15%	524,540	3.57%

- a. Appropriation on this chart refers to the sum of the municipal appropriation and dog tax revenues and excludes Federal Revenue Sharing and Library Incentive Grant monies.

REVENUE - EXPECTED FY82 IMPACT

202 municipalities or 62% of those reporting indicated the library's FY82 appropriation would be reduced from the FY81 level. This percentage approximates the results of the joint MLA/MBLC survey conducted in March 1981.

Statewide, the amount of the reductions was expected to total approximately \$6,282,370 or a 12.43% decrease from the FY81 level. The following chart indicates that libraries serving a population of 25,000 or more expected to be particularly hard hit.

Expected FY82 Reductions to Public Library Operating Appropriations  
Resulting from the Implementation of Proposition 2½<sup>d</sup>

Population	Municipalities Reducing Appropriation		Reductions <sup>c</sup>	
	# <sup>b</sup>	% of reporting	Amount (\$)	% of corresponding FY81 Appropriation
under 10,000	91	51.70%	321,004	9.55%
10,000-24,999	59	67.05%	1,013,812	9.72%
25,000 & over	52	85.25%	4,947,554	13.46%
STATEWIDE	202	62.15%	6,282,370	12.43%

- a. Please note that these figures do not reflect FY82 local aid monies. Results from the upcoming FY82 Statistics of Public Libraries survey will show whether local aid monies ameliorated these reductions.
- b. Municipalities expecting to level fund the library in FY82, including those expecting to level fund on the basis of a reduced FY81 appropriation, are omitted. Also excluded are municipalities expecting to level fund all library accounts except the salary account where negotiated salary increases would be funded.
- c. The reductions may be slightly affected by the fact that responses were not consistent in terms of the categories of reported income. For example, one library may have reported only expected FY82 monies raised locally; another may have also reported expected Library Incentive Grant, dog tax, and/or Federal Revenue Sharing income. When computing the amount of change from FY81, we attempted to use the same income categories as reported by the responding library.

Excluding one library with a potential 85% reduction in FY82 as compared with FY81, the expected rate of reduction for libraries across the state ranged from 33.07% to .13%. The average expected reduction was 10.75%.

The majority of libraries (53%) expecting reductions indicated their FY82 appropriations would be from less than 1 to 9.99% below FY81 levels. Another 36% of the libraries expected reductions of 10 to 19.99%. Approximately 10% expected reductions of 20 to 29.99%.

#### PERSONNEL AND SERVICES

181 libraries, or 51.8% of those reporting, indicated a total loss of 477.86 full time equivalent staff on 7-1-81 as compared with 7-1-80. This represents a minimum decrease of 11.8%. Since CETA staff members are not included in the 7-1-81 reductions, the actual percentage of decrease exceeds 11.8%.

The upcoming FY82 Statistics of Public Libraries survey will indicate the extent to which positions were reinstated after the receipt of local aid monies.

During FY81, libraries typically terminated part time before full time staff with the following service areas most frequently absorbing the reductions (in descending order): circulation and shelving, children's and young adult services, custodial services, clerical services, public and reference services, and technical services. Despite the lack of precise figures, it is clear that circulation and shelving services absorbed the most staff reductions.

Since tasks in this area are essential for access to library materials, it can be assumed that staff members from other departments were performing these duties to the detriment of program and technical services.

Service reductions were also felt in branch libraries. Twenty-one percent of the libraries with branches expected one or more branches to be closed during FY82. Of the libraries where one or more branches would be open during FY82, 48.7% expected to provide fewer services with reduced staff.

#### FINES AND FEES

At the start of FY82, relatively few libraries indicated they were turning to increased or new fines/fees to replace lost revenues. Approximately 14.7% had raised existing fines/fees and 12.6% had instituted new ones.

Overdue fines, including billing fees, accounted for almost half of the increases. The other most frequently increased fees were for reserving materials and replacing lost borrowers' cards.

Use of the meeting room, reserving materials, and overdue fines (in that order) accounted for a little more than half of the new fines/fees instituted by libraries. A few libraries established fees for replacing lost borrowers' cards, loan of museum passes, equipment, and art prints, and for genealogical research.

A brief review indicates that fines and fees usually do not cover the actual costs of the service. For example, increased and new fees for reserving materials were mostly associated with charging patrons for postal notification that requested materials were available.



FEBRUARY 1982

Massachusetts Board of Library Commissioners  
Planning and Research Unit  
648 Beacon Street • Boston, MA 02215



Comparative Public  
Library Report

**DATA FOR  
MASSACHUSETTS FY81**

Printed with LSCA Title I funds

The activity which is the subject of this report was supported in whole or in part by the U.S. Department of Education. However, the opinions expressed herein do not necessarily reflect the position or policy of the U.S. Department of Education, and no official endorsement by the U.S. Department of Education should be inferred.

# Contents

Introduction.....	page 1
Usage Notes.....	5

## Section One: Summary Tables B - L

Table B	Total Income Per Capita.....	11
Table C	Municipal Appropriation Per Capita.....	12
Table D	Total Operating Expenditure Per Capita.....	12
Table E	Salary Expenditures Per Capita.....	13
Table F	Salary Expenditures as Percent (%) of Total Expenditures.....	13
Table G	Materials Expenditures Per Capita.....	14
Table H	Materials Expenditures as Percent (%) of Total Expenditures.....	14
Table I	Print Holdings (Volumes Per Capita).....	15
Table J	Non-Print Holdings (Items Per Capita).....	15
Table K	Circulation of Print Materials (Volumes Per Capita).....	16
Table L	Circulation of Non-Print Materials (Items Per Capita).....	16

## Section Two: Data for Individual Municipalities

Population Group I	(0 - 1,999).....	18
Population Group II	(2,000 - 4,999).....	22
Population Group III	(5,000 - 9,999).....	26
Population Group IV	(10,000 - 24,999).....	30
Population Group V	(25,000 - 49,999).....	36
Population Group VI	(50,000 - 99,999).....	39
Population Group VII	(100,000 + ).....	41

## Section Three: Statistics of Public Libraries Form, FY 1980

Form.....	44
Instructions.....	43

Municipal Index to Population Groups.....	54
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# Introduction

This statistical report is designed to facilitate the comparison of FY81 support and activity levels among public libraries. Using data reported on the FY81 Statistics of Public Library form, indicators of library support and activity are identified and percentage and per capita figures are computed for each municipality.

With these exceptions, data is for the twelve month period ending June 30, 1981. For Acushnet, Belmont, and Middleborough the holdings and circulation data are for the 1980 calendar year. Additionally, for Middleborough, the endowment/trust/gift income reflected in Total Income Per Capita is for calendar year 1980. Various reporting periods are used for a portion of the data provided by the Dennis libraries.

A total of 325 or 93% of the 348 municipalities with public libraries reported data in time for inclusion in this report. These municipalities without public libraries are not listed in the report: Hawley, with a population of 280 and population rank of 345; New Ashford, population of 159 and rank of 349; and Washington, 587 with rank of 336.

## ARRANGEMENT OF THE REPORT

The report is arranged in three sections: Summary Tables, Municipal Tables, and the survey form. An Index by

municipality to the population groups used in the municipal tables follows section III. The Usage Notes illustrating how the summary tables may be used and containing a formula for calculating undisplayed percentiles precedes Section I.

## Section One: Summary Tables

The eleven summary tables (B-L) display the mean (average), median and the 10th, 25th, 75th and 90th percentile values of each indicator for population groups I through VI. However, because of the small number of municipalities in group VI, the percentiles should be considered estimates only.

Means, medians, and percentiles are superfluous for group VII which encompasses three municipalities with populations in excess of 100,000. Data for these municipalities appear in the municipal tables only.

## Section Two: Municipal Tables

The municipal tables contain data for individual municipalities arranged in seven population groups based on the 1980 federal census as reported in March, 1981. See the Index to determine in which population group a municipality is located.

The population ranks were assigned in descending order. The two municipalities with the same 1980 population were assigned the same rank. The next higher rank was omitted.



Municipal support for library service generally, not for specific libraries, is important for comparative purposes. Consequently, for municipalities with more than one library system receiving public funds, this report reflects the combined levels of library support and activity within that municipality.

Since the report emphasizes municipal data, libraries that contract with the Board of Library Commissioners to provide regional services do not report receipt or expenditure of reimbursements received for those services.

As was done last year, only two categories of federal and state funds have been included in the report. In addition to local monies, libraries were asked to include federal revenue sharing and the Massachusetts Library Incentive Grant monies in their income and expenditure figures.

#### INDICATORS OF LIBRARY SUPPORT & ACTIVITY

The same eleven indicators of library support and activity reported last year appear in the municipal and summary tables. As previously mentioned, federal and state monies except for revenue sharing and the Library Incentive Grant, are excluded from the financial indicators.

The comparability of some of the statistics available in this report may

be improved with more detailed knowledge of the components included in total operating expenditures. While such information is not available for FY81 data, responses to a question on the FY78 Statistics of Public Libraries form indicated that the total operating expenditures for a number of libraries did not include such high cost items as building maintenance, heat, and utilities. Readers wishing to review the extent to which this occurred during FY78 should consult the March, 1979 issue of Mediawrite, page 6 or contact the Planning and Research Unit.

As in previous reports, machine computed data requires use of figures rounded to the nearest hundred for calculation of per capita non-print circulation and holdings. Likewise, figures rounded to the nearest 1,000 are used for calculation of per capita print circulation and holdings. This does not affect the comparative usefulness of these indicators. Readers should note, however, that record keeping procedures in some libraries do not permit the separation of non-print from print.

An \* next to either circulation figure indicates those 12 municipalities in which per capita print circulation includes some or all circulation of non-print materials.

#### DATA COMPATIBILITY

As the instructions for each form

indicate, the reporting requirements for the FY81 Statistics of Public Libraries form and the FY82 Library Incentive Grant Application differ depending on conditions existing in the reporting library. Consequently, the data compiled from the FY81 Statistics of Public Libraries form and used to prepare this report may in a few cases differ from that reported on the Application.

For example, some municipalities, according to the Comparative Report, may not meet the current minimum standard of percentage expended for library materials; however, some of these may be certified by the Board of Library Commissioners for a FY82 Grant.

Likewise, some municipalities which according to the Comparative Report appear to be meeting the current minimum standard of percentage expended for library materials may not be certified by the Board due to noncompliance with one or more of the other standards.

These differences may arise from any one or combination of circumstances: (1) Expenditures may be considered differently for purposes of reporting on the Application form; (2) The Board may allow a municipality a limited time period to meet the standard; or (3) The Board may certify a municipality with reservation to receive a FY82 grant.

#### PROPOSITION 2 1/2

The Proposition 2 1/2 provision mandating a decrease in the motor vehicle excise tax from \$66 to \$25 per thousand valuation became effective in FY81. As a result, some municipalities reduced library budgets to compensate for loss of previously expected revenues. As far as possible and where appropriate, the income and expenditure figures for individual municipalities in this report reflect those reductions. A report insert summarizes the overall impact of Proposition 2 1/2 on public libraries during FY81.



# Usage Notes

The statistical measures applied to each indicator of library support and activity in the Summary Tables are:

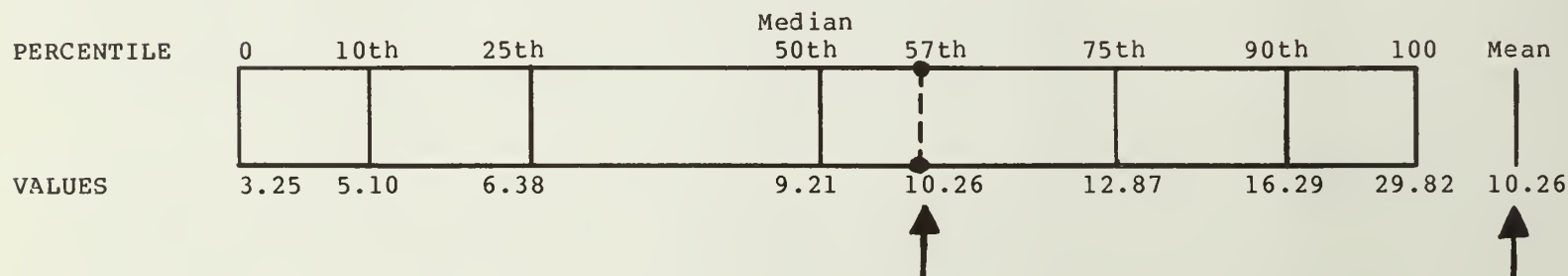
The Mean	a measure of central tendency which is commonly termed the "average." It is derived by dividing the sum of all the values in any particular group of data by the number of values included in that total.
Percentile Rank	describes the position of a value in its distribution, indicating the percent of cases in a distribution falling at or below the value of an indicator. For example, the library of a hypothetical municipality has a per capita operating expenditure of \$6.00 and a corresponding percentile rank of 25. This indicates that 25% of the municipalities in the population group have the same or smaller and 75% have a greater per capita operating expenditure than the sample library.
The Median	the popular term for the 50th percentile; is equal to the value of an indicator above which 50% of the values fall. The value of the median differs from the value of the mean when the distribution of the values of an indicator is not regular, but rather skewed or piled at either end of the range. When there is considerable difference between the median and the mean, the median is generally thought of as being the more valid measure of central tendency.

Constructed below are hypothetical library situations designed to illustrate how the Summary Tables may be used to compare your municipality with those in your population group or in other population groups.

**Example A:** In some instances, the value of an indicator may fall between the displayed values of a statistical measure, for example, between the median (50th percentile) and the 75th percentile.

For a library in a hypothetical municipality in the 10,000 to 24,999 population group (group IV), total operating expenditure is equal to \$10.26 per capita.

From Summary Table D, we see that 10.26 falls between the values of the median (9.21) and the 75th percentile (12.87). We can estimate that for the library in our hypothetical municipality, total operating expenditure per capita is equal to or greater than 57% of the municipalities, and less than that in 43% of the municipalities reporting in this population group.





Undisplayed percentile ranks may be calculated by the shorthand interpolating procedure used to compute the 57th percentile in Example A. This was done by:

- a - Finding the difference between the displayed values falling above (12.87) and below (9.21) our hypothetical value (10.26). The difference is 3.66 total operating expenditure dollars per capita.
- b - Finding the difference between our hypothetical value (10.26) and the displayed value falling below it (9.21). The difference is 1.05 total operating expenditure dollars per capita.
- c - Determining the ratio of the latter total to the former (1.05 divided by 3.66), which equals .287.
- d - Finding the difference between the displayed percentiles corresponding to the displayed values falling above and below our hypothetical value (10.26). In our example, the difference between the corresponding percentiles (75th and median/50th) is 25 percentile units.
- e - Interpolating the ratio from the values line to the difference between the displayed percentiles. In our example, the ratio is .287 (see c above) and the difference between the percentiles is 25 (see d above).  $.287 \times 25 = 7.175$  percentile units.
- f - Adding the interpolated percentile units to the displayed percentile falling below our hypothetical value to arrive at the estimated percentile rank of our hypothetical library. In our example,  $7.175 + 50 = 57.175 = 57\text{th percentile}$ .

It should be noted that this interpolating procedure assumes that the size of the intervals between values is constant throughout the distribution. Quite often there is slight variability in their size, so that ranks computed by this method must be considered estimates.

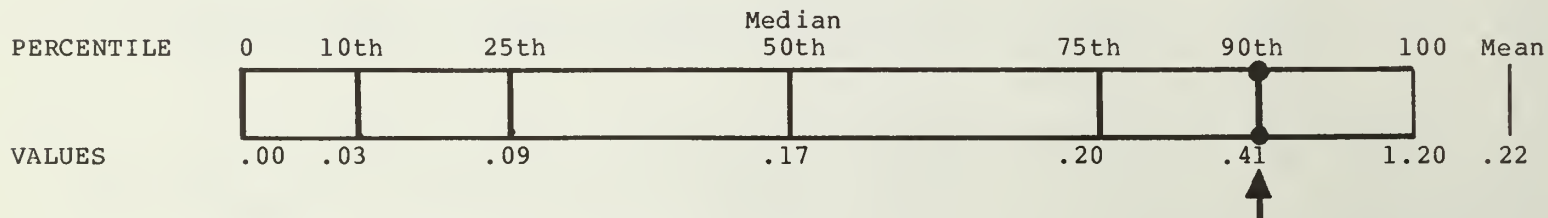
For each indicator it is most useful to review the results of the statistical measures in conjunction with one another.

Another look at Summary Table D indicates that the hypothetical library mentioned in Example A has a total operating expenditure figure per capita equal to the mean figure (10.26) of the population group.

Therefore, while we may say that total operating expenditure per capita is equal to the "average" for this population group, it remains true that for our hypothetical municipality, per capita total operating expenditure is greater than or equal to 57% of the reporting municipalities in this population group.

Example B: In some cases, percentile values may be used effectively to qualify the minimal information provided by the range of values for an indicator and population group. For example, a library in a hypothetical municipality in the 50,000 to 99,999 population group (group VI) could circulate .41 non-print items per capita.

From Summary Table L, we see that .41 equals the value of the 90th percentile and falls approximately one third of the way between the range of non-print items circulated per capita (.00 through 1.20) by all reporting libraries in this population group.



We may say, therefore, that even though the hypothetical library circulates only about one third as many non-print items per capita as the library with the highest value in the population group (1.20), it still circulates as many or more non-print items per capita than 90% of the libraries in this population group.

Readers need not restrict themselves to comparisons within the seven population groups used for this report. For libraries serving populations in the upper and lower ends of these groups, it may be more useful to construct groupings from the Municipal Tables containing libraries serving more similarly sized populations.

For example, a library serving a population of 24,500 (the upper end of population group V, 10,000 - 24,999) may want to establish a new grouping and compare itself with municipalities serving 22,000 - 27,000 or, perhaps, 15,000 - 34,000 population. State rank may be used to select municipalities of similar size population.

Likewise, readers need not restrict themselves to using population served as the basis of comparison among libraries. Any indicator in the report may be used to group similar libraries and to form the basis of comparison among them. From the Municipal Tables, a reader may identify municipalities having similar values for one or more of the support and activity indicators and thereby establish a group of similar libraries, regardless of population served.

For many readers, total operating expenditure may be the most useful indicator around which to group similar libraries. As noted in the Public Library Analytic Report, 1976, total library budget (i.e. total operating expenditure) has been accepted as a reliable measure of library size and a firm ground on which to base comparisons of similarly sized libraries.



# Section One: Summary Tables B-L

**TABLE B**

Median, 10-percentile, 25-percentile, 75-percentile, 90-percentile and mean of per capita total income from all sources for Massachusetts public libraries; by population of area served (excludes 3 municipalities with populations of more than 100,000); Fiscal 1981.

Population of Area Served	Number of Reporting Municipalities	PER CAPITA TOTAL INCOME (\$)						
		Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
0 - 1,999	57	.52 - 43.76	1.70	3.20	4.30	6.54	10.07	7.02
2,000 - 4,999	49	1.46 - 32.91	3.21	5.54	7.20	11.20	15.04	9.29
5,000 - 9,999	70	1.13 - 23.28	2.68	4.76	8.21	11.25	12.75	8.30
10,000 -24,999	88	3.25 - 29.82	5.17	6.39	9.47	13.12	16.96	10.46
25,000 -49,999	40	3.36 - 23.69	5.53	8.33	10.78	14.71	19.16	11.77
50,000 -99,999	18	4.28 - 23.15	5.15	7.25	9.76	12.25	15.68	10.30



**TABLE C**

Median, 10-percentile, 25-percentile, 75-percentile, 90-percentile and mean of per capita municipal appropriation for Massachusetts public libraries; by population of area served (excludes 3 municipalities with populations of more than 100,000); Fiscal 1981.

## PER CAPITA MUNICIPAL APPROPRIATION (\$)

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
0 - 1,999	57	.21 - 40.92	.70	2.54	3.95	5.45	9.46	6.00
2,000 - 4,999	49	1.40 - 21.46	3.17	4.57	6.81	10.91	13.34	8.24
5,000 - 9,999	70	1.01 - 23.28	2.68	4.38	7.56	10.28	12.73	7.91
10,000 -24,999	88	.99 - 22.98	4.69	6.31	9.47	13.11	16.12	9.97
25,000 -49,999	40	.94 - 23.69	5.24	7.72	10.02	13.69	18.87	11.16
50,000 -99,999	18	4.21 - 22.99	5.20	7.00	9.42	12.25	15.57	10.02

**TABLE D**

Median, 10-percentile, 25-percentile, 75-percentile, 90-percentile and mean of total operating expenditure per capita for Massachusetts public libraries; by population of area served (excludes 3 municipalities with populations of more than 100,000); Fiscal 1981.

## TOTAL OPERATING EXPENDITURE PER CAPITA (\$)

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
0 - 1,999	57	.43 - 42.63	1.36	3.10	4.27	5.97	10.07	6.74
2,000 - 4,999	49	1.15 - 34.01	3.21	5.13	7.12	11.20	14.41	9.07
5,000 - 9,999	70	1.08 - 23.17	2.56	4.61	8.08	11.14	12.46	8.18
10,000 -24,999	88	3.25 - 29.82	5.10	6.38	9.21	12.87	16.29	10.26
25,000 -49,999	40	3.49 - 23.69	5.53	8.11	10.74	14.18	18.67	11.61
50,000 -99,999	18	4.28 - 23.15	5.12	7.25	9.17	11.90	13.75	10.14

TABLE E

Median, 10-percentile, 25-percentile, 75-percentile, 90-percentile and mean of per capita salary expenditures for Massachusetts public libraries; by population of area served (excludes 3 municipalities with populations of more than 100,000); Fiscal 1981.

## SALARY EXPENDITURES PER CAPITA (\$)

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
0 - 1,999	57	.00 - 20.04	.15	1.26	1.81	3.54	5.01	3.06
2,000 - 4,999	49	.77 - 14.98	1.22	2.90	4.05	6.53	10.12	5.09
5,000 - 9,999	70	.64 - 15.11	1.41	2.78	4.67	6.32	8.03	4.96
10,000 -24,999	88	.94 - 19.97	2.80	4.47	6.21	8.29	11.19	6.81
25,000 -49,999	40	1.73 - 16.04	3.56	4.93	7.13	9.55	14.01	7.89
50,000 -99,999	18	3.05 - 16.25	3.47	5.26	7.15	9.38	10.82	7.65

TABLE F

Median, 10-percentile, 25-percentile, 75-percentile, 90-percentile and mean of salary expenditures as a percentage of total expenditures for Massachusetts public libraries; by population of area served (excludes 3 municipalities with populations of more than 100,000); Fiscal 1981.

## SALARY EXPENDITURES AS PERCENT (%) OF TOTAL EXPENDITURES

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
0 - 1,999	57	00 - 77	12	33	43	54	60	42
2,000 - 4,999	49	29 - 74	40	48	55	61	67	54
5,000 - 9,999	70	42 - 74	51	54	59	64	69	59
10,000 -24,999	88	25 - 80	56	63	67	69	72	65
25,000 -49,999	40	45 - 75	56	64	67	72	73	66
50,000 -99,999	18	66 - 83	67	71	75	79	81	74

TABLE G

Median, 10-percentile, 25-percentile, 75-percentile, 90-percentile and mean of per capita expenditure for library materials for Massachusetts public libraries; by population of area served (excludes 3 municipalities with populations of more than 100,000); Fiscal 1981.

## MATERIALS EXPENDITURE PER CAPITA (\$)

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
0 - 1,999	57	.00 - 15.72	.60	.89	1.23	2.26	3.32	2.05
2,000 - 4,999	49	.35 - 4.48	.78	1.26	1.90	2.80	3.51	2.06
5,000 - 9,999	70	.29 - 4.85	.67	1.09	1.74	2.24	2.71	1.79
10,000 -24,999	88	.62 - 4.59	.99	1.27	1.78	2.55	3.17	1.98
25,000 -49,999	40	.52 - 4.14	.82	1.31	1.78	2.36	2.96	1.91
50,000 -99,999	18	.68 - 3.82	.69	.98	1.25	1.39	1.94	1.40

TABLE H

Median, 10-percentile, 25-percentile, 75-percentile, 90-percentile and mean of library materials expenditures as a percentage of total expenditures for Massachusetts public libraries; by population of area served (excludes 3 municipalities with populations of more than 100,000); Fiscal 1981.

## MATERIALS EXPENDITURES AS PERCENT (%) OF TOTAL EXPENDITURES

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
0 - 1,999	57	00 - 85	20	21	28	37	67	34
2,000 - 4,999	49	13 - 44	18	20	22	26	30	23
5,000 - 9,999	70	11 - 36	18	20	21	24	28	21
10,000 -24,999	88	13 - 31	16	17	19	21	24	19
25,000 -49,999	40	11 - 24	13	14	15	17	20	16
50,000 -99,999	18	5 - 20	10	12	13	16	18	13

**TABLE I**  
Median, 10-percentile, 25-percentile, 75-percentile, 90-percentile and mean of total volumes held per capita for Massachusetts public libraries; by population of area served (excludes 3 municipalities with populations of more than 100,000); Fiscal 1981.

PRINT HOLDINGS (VOLUMES PER CAPITA)								
Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
0 - 1,999	57	3.14 - 44.98	3.61	5.33	8.01	10.72	19.41	10.68
2,000 - 4,999	49	1.76 - 26.20	2.53	3.88	5.59	6.86	9.50	6.53
5,000 - 9,999	70	1.05 - 9.45	1.97	2.73	3.92	5.35	6.69	4.21
10,000 -24,999	88	1.11 - 12.33	2.21	2.60	3.40	4.46	5.34	3.70
25,000 -49,999	40	1.20 - 11.91	2.04	2.69	3.55	4.88	5.85	3.94
50,000 -99,999	18	1.86 - 6.46	2.09	2.53	3.36	3.86	4.15	3.35

**TABLE J**  
Median, 10-percentile, 25-percentile, 75-percentile, 90-percentile and mean of holdings of non-print materials per capita for Massachusetts public libraries; by population of area served (excludes 3 municipalities with populations of more than 100,000); Fiscal 1981.

NON-PRINT HOLDINGS (ITEMS PER CAPITA)								
Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
0 - 1,999	57	.00 - 2.38	.00	.00	.09	.20	.30	.17
2,000 - 4,999	49	.00 - .48	.00	.02	.08	.16	.23	.10
5,000 - 9,999	70	.00 - .39	.01	.03	.06	.12	.19	.09
10,000 -24,999	88	.00 - .82	.02	.04	.09	.15	.23	.11
25,000 -49,999	40	.01 - .51	.03	.06	.11	.21	.28	.14
50,000 -99,999	18	.04 - .30	.04	.06	.08	.14	.20	.11

TABLE K

Median, 10-percentile, 25-percentile, 75-percentile, 90-percentile and mean of per capita circulation of print materials for Massachusetts public libraries; by population of area served (excludes 3 municipalities with populations of more than 100,000); Fiscal 1981.

## CIRCULATION OF PRINT MATERIALS (VOLUMES PER CAPITA)

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
0 - 1,999	57	1.25 - 47.03	2.99	4.45	6.71	10.88	15.84	9.67
2,000 - 4,999	49	1.28 - 24.91	2.88	4.40	5.83	9.21	13.53	7.72
5,000 - 9,999	70	.91 - 17.52	2.52	3.96	6.06	8.55	10.70	6.52
10,000 -24,999	88	2.19 - 15.95	3.29	4.99	7.07	8.41	11.47	7.29
25,000 -49,999	40	1.43 - 16.41	2.76	4.89	6.35	8.08	11.82	6.98
50,000 -99,999	18	2.26 - 9.80	2.33	3.16	4.08	5.74	9.20	4.99

TABLE L

Median, 10-percentile, 25-percentile, 75-percentile, 90-percentile and mean of per capita circulation of non-print materials for Massachusetts public libraries; by population of area served (excludes 3 municipalities with populations of more than 100,000); Fiscal 1981.

## CIRCULATION OF NON-PRINT MATERIALS (ITEMS PER CAPITA)

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
0 - 1,999	57	.00 - 3.69	.00	.00	.05	.17	.34	.20
2,000 - 4,999	49	.00 - .96	.00	.02	.12	.22	.42	.17
5,000 - 9,999	70	.00 - 1.40	.01	.05	.14	.26	.40	.19
10,000 -24,999	88	.00 - 1.36	.00	.07	.18	.45	.74	.29
25,000 -49,999	40	.00 - 1.17	.00	.03	.23	.50	.74	.30
50,000 -99,999	18	.00 - 1.20	.03	.09	.17	.20	.41	.22



## Section Two: Data for Individual Municipalities

Population Group I  
(0-1,999)

POPULATION GROUP I (0-1,999)  MUNICIPALITY	1980 POP- ULATION	STATE RANK BY POP- ULATION	TOTAL INCOME PER CAPITA	MUNICIPAL APPROP- RIATION \$ PER CAPITA	TOTAL OPERATING EXP \$ PER CAPITA	SALARY EXPENDITURES		MATERIALS EXPENDITURES		HOLDINGS PER CAPITA		CIRCULATION PER CAPITA	
						% OF		% OF		PRINT VOLUMES	NON- PRINT ITEMS	PRINT VOLUMES	NON- PRINT ITEMS
						\$ PER CAPITA	TOTAL EXP.	\$ PER CAPITA	TOTAL EXP.				
1. ALFORD	394	341	.45	.45	.25	.12	50	.00	0	20.30	.00	25.38*	.00*
2. ASHFIELD	1,458	297	8.37	3.94	7.67	4.13	53	1.77	23	7.54	.34	10.97	.34
3. BECKET	1,339	299	5.65	3.95	5.41	1.26	23	1.23	22	19.41	.07	5.22	.07
4. BERNARDSTON	1,750	287	6.54	.21	4.94	1.99	40	1.17	23	10.28	.05	3.42	.05
5. BLANDFORD	1,038	313	7.30	5.58	7.30	3.96	54	1.46	20	7.70	.28	16.37	.38
6. BUCKLAND	1,864	284	2.69	1.87	2.69	1.28	47	.75	28	6.97	.00	6.43	.00
7. CHARLEMONT	1,149	308	2.74	2.17	2.82	2.18	77	.60	21	9.57	.00	4.35	.00
8. CHESTER	1,123	310	5.98	3.20	5.97	3.25	54	1.50	25	8.01	.17	4.45	.17
9. CHESTERFIELD	1,000	316	5.58	5.37	5.58	3.51	62	1.12	20	8.00	.20	8.00	.00
10. CHILMARK	489	338	43.76	35.74	42.63	17.67	41	15.72	36	44.98	.20	47.03	.00
11. CLARKSBURG	1,871	283	1.36	1.36	1.36	.15	11	.92	67	4.81	.00	6.41	.00
12. COLRAIN	1,552	294	5.38	4.59	5.26	1.73	33	1.04	19	5.15	.19	4.51	.00
13. CONWAY	1,213	304	.00	.00	.00	.00		.00		.00	.00	.00	.00
14. CUMMINGTON	657	328	4.27	3.95	4.27	.06	1	1.30	30	13.69	.15	12.17	.30
15. DUNSTABLE	1,671	290	3.95	3.63	3.95	1.57	39	2.19	55	10.17	.00	2.99	.00
16. EAST BROOKFIELD	1,955	282	5.46	5.46	5.29	3.69	69	1.13	21	4.60	.00	9.71	.00
17. EGREMONT	1,311	301	2.75	2.75	2.75	1.67	60	1.01	36	5.33	.07	4.57	.00
18. ERVING	1,326	300	4.07	4.07	4.07	1.50	37	2.41	59	9.04	.00	10.55	.00
19. FLORIDA	730	323	3.42	3.42	3.42	.47	14	2.93	85	9.58	.54	9.58	3.69
20. GAY HEAD	220	347	16.95	16.83	14.69	7.25	49	3.32	22	27.27	.00	4.54	.00
21. GILL	1,259	303	.00	.00	.00	.00		.00		.00	.00	.00	.00
22. GOSHEN	651	329	5.59	3.28	5.59	2.67	47	2.82	50	9.21	.15	9.21	.15
23. GOSNOLD	63	351	.00	.00	.00	.00		.00		.00	.00	.00	.00
24. GRANVILLE	1,204	305	11.37	10.76	11.28	3.97	35	3.64	32	7.47	.24	7.47	.33
25. HANCOCK	643	331	5.31	5.31	4.51	1.20	26	.75	16	10.88	.00	10.88	.00
26. HEATH	482	339	9.09	9.09	9.09	5.01	55	2.70	29	18.67	.62	10.37	.62

POPULATION GROUP I (0-1,999)  MUNICIPALITY	1980 POP- ULATION	STATE RANK BY POP- ULATION	TOTAL INCOME PER CAPITA	MUNICIPAL APPROP- RIATION \$ PER CAPITA	TOTAL OPERATING EXP \$ PER CAPITA	SALARY EXPENDITURES		MATERIALS EXPENDITURES		HOLDINGS PER CAPITA		CIRCULATION PER CAPITA	
						% OF		% OF		PRINT VOLUMES	NON- PRINT ITEMS	PRINT VOLUMES	NON- PRINT ITEMS
						\$ PER CAPITA	TOTAL EXP.	\$ PER CAPITA	TOTAL EXP.				
27. HINSDALE	1,707	288	3.73	2.19	3.73	.99	26	1.25	33	3.51	.05	10.54	.00
28. HOLLAND	1,589	292	2.55	2.47	1.72	.99	57	.64	37	3.14	.00	1.25	.00
29. HUBBARDSTON	1,797	286	5.41	4.97	4.96	2.08	41	1.09	21	5.00	.11	4.45	.11
30. HUNTINGTON	1,804	285	3.96	3.96	3.47	2.66	76	.79	23	3.88	.27	4.98	.11
31. LEVERETT	1,471	296	2.07	2.07	2.07	1.49	71	.44	21	3.39	.13	2.71	.13
32. LEYDEN	498	337	5.30	5.22	5.30	3.13	59	1.13	21	8.03	.00	12.04	.00
33. MIDDLEFIELD	385	342	1.81	1.55	1.09	.20	18	.85	77	12.98	.25	7.79	.00
34. MILLVILLE	1,693	289	.00	.00	.00	.00		.00		.00	.00	.00	.00
35. MONROE	179	348	5.47	5.47	5.48	3.20	58	1.93	35	22.34	.00	11.17	.00
36. MONTEREY	818	322	10.07	10.07	10.07	4.93	48	2.20	21	7.33	.24	12.22	.61
37. MONTGOMERY	637	332	.00	.00	.00	.00		.00		.00	.00	.00	.00
38. MOUNT WASHINGTON	93	350	5.35	5.29	5.35	1.34	25	3.48	65	32.25	.00	43.01	.00
39. NEW BRAINTREE	671	327	3.20	3.19	3.20	.38	12	2.70	84	5.96	.00	7.45	.00
40. NEW MARLBOROUGH	1,160	307	4.28	4.28	4.28	1.90	44	1.05	24	7.75	.08	8.62	.08
41. NEW SALEM	688	326	3.95	3.70	3.94	1.81	46	.77	19	10.17	.14	11.62	.14
42. OAK BLUFFS	1,984	280	.00	.00	.00	.00		.00		.00	.00	.00	.00
43. OAKHAM	994	317	9.40	9.30	9.40	4.13	43	2.26	24	13.07	.30	13.07	.20
44. OTIS	963	318	.00	.00	.00	.00		.00		.00	.00	.00	.00
45. PELHAM	1,112	311	3.25	2.92	3.03	1.62	53	1.18	39	5.39	.08	2.69	.17
46. PERU	633	333	1.13	.47	.82	.00	0	.55	67	9.47	.00	6.31	.31
47. PETERSHAM	1,024	314	17.32	2.54	16.89	5.95	35	3.85	22	16.60	.29	7.81	.00
48. PHILLIPSTON	953	320	3.95	3.52	3.95	1.36	34	1.48	37	8.39	.20	4.19	.10
49. PLAINFIELD	425	340	.00	.00	.00	.00		.00		.00	.00	.00	.00
50. PLYMPTON	1,974	281	8.58	8.58	8.58	4.69	54	2.44	28	6.07	.10	6.07	.25
51. RICHMOND	1,659	291	3.43	3.43	3.40	2.03	59	.96	28	3.61	.00	6.02	.00
52. ROWE	336	344	40.92	40.92	40.92	20.04	48	11.29	27	38.69	2.38	35.71	1.78

POPULATION GROUP I (0-1,999)  MUNICIPALITY	1980 POP- ULATION	STATE RANK BY POP- ULATION	TOTAL INCOME PER CAPITA	MUNICIPAL APPROP- RIATION \$ PER CAPITA	TOTAL OPERATING EXP \$ PER CAPITA	SALARY EXPENDITURES		MATERIALS EXPENDITURES		HOLDINGS PER CAPITA		CIRCULATION PER CAPITA	
						% OF		% OF		PRINT VOLUMES	NON- PRINT ITEMS	PRINT VOLUMES	NON- PRINT ITEMS
						\$ PER CAPITA	TOTAL EXP.	\$ PER CAPITA	TOTAL EXP.				
53. ROYALSTON	955	319	.00	.00	.00	.00		.00		.00	.00	.00	.00
54. RUSSELL	1,570	293	.00	.00	.00	.00		.00		.00	.00	.00	.00
55. SANDISFIELD	720	324	4.07	4.07	4.07	1.63	40	2.15	52	5.55	.00	5.55	.00
56. SAVOY	644	330	.00	.00	.00	.00		.00		.00	.00	.00	.00
57. SHUTESBURY	1,049	312	2.28	.70	1.61	.68	42	.62	38	4.76	.09	3.81	.09
58. TOLLAND	235	346	1.70	1.70	1.36	.42	31	.93	68	8.51	.00	21.27	.00
59. TRURO	1,486	295	9.72	9.46	9.51	3.76	39	2.70	28	9.42	.13	7.40	.00
60. TYRINGHAM	344	343	.00	.00	.00	.00		.00		.00	.00	.00	.00
61. WALES	1,177	306	3.82	3.82	3.82	1.74	45	.89	23	3.39	.08	3.39	.16
62. WARWICK	603	334	9.92	7.48	9.92	5.13	51	2.10	21	14.92	.00	11.60	.00
63. WENDELL	694	325	5.68	5.68	4.25	2.59	61	1.19	28	7.20	.14	2.88	.14
64. WEST STOCKBRIDGE	1,280	302	3.12	3.12	3.10	1.38	44	1.48	47	4.68	.15	3.12	.07
65. WEST TISBURY	1,010	315	27.82	27.82	25.53	15.45	60	5.90	23	12.87	.19	15.84	.19
66. WESTHAMPTON	1,137	309	5.35	4.93	5.35	1.91	35	1.62	30	6.15	.26	6.15	.35
67. WHATELY	1,341	298	8.90	5.45	8.90	3.54	39	2.60	29	10.43	.44	6.71	.07
68. WINDSOR	598	335	.52	.52	.43	.00	0	.34	78	5.01	.00	5.01	.00
69. WORTHINGTON	932	321	4.30	4.30	4.04	1.29	32	.85	21	10.72	.53	4.29	.32

Population Group II  
(2,000-4,999)

POPULATION GROUP II (2,000-4,999)  MUNICIPALITY	1980 POP- ULATION	STATE RANK BY POP- ULATION	TOTAL INCOME PER CAPITA	MUNICIPAL APPROP- RIATION \$ PER CAPITA	TOTAL OPERATING EXP \$ PER CAPITA	SALARY EXPENDITURES		MATERIALS EXPENDITURES		HOLDINGS PER CAPITA		CIRCULATION PER CAPITA	
						\$ PER CAPITA	% OF TOTAL EXP.	\$ PER CAPITA	% OF TOTAL EXP.	PRINT VOLUMES	NON- PRINT ITEMS	PRINT VOLUMES	NON- PRINT ITEMS
1. ASHBURNHAM	4,075	238	6.28	4.57	6.27	3.19	50	1.73	27	3.92	.09	5.39	.24
2. ASHBY	2,311	273	.00	.00	.00	.00		.00		.00	.00	.00	.00
3. BARRE	4,102	237	10.61	8.50	10.61	5.13	48	3.28	30	5.85	.00	4.63	.02
4. BERKLEY	2,731	266	3.89	3.89	3.74	1.37	36	.71	18	4.39	.00	2.92	.00
5. BERRIN	2,215	276	7.87	7.84	7.43	4.77	64	2.08	28	4.51	.04	5.41	.18
6. BOLTON	2,530	267	8.44	8.44	7.94	3.39	42	1.87	23	4.74	.23	5.13	.00
7. BOXBOROUGH	3,126	256	6.72	6.40	6.44	3.28	51	2.26	35	5.75	.09	5.75	.22
8. BOYLSTON	3,470	252	13.74	13.03	13.44	7.33	54	2.81	20	6.05	.14	5.47	.25
9. BRIMFIELD	2,318	272	4.77	4.53	4.58	1.91	41	1.02	22	3.88	.04	2.58	.12
10. BROOKFIELD	2,397	269	5.73	5.33	5.73	3.01	52	1.27	22	5.42	.00	5.42	.08
11. CARLISLE	3,306	253	15.04	14.89	14.41	10.18	70	3.51	24	6.65	.27	16.33	.96
12. CHESHIRE	3,124	257	1.46	1.40	1.15	.77	67	.35	30	8.64	.00	2.88	.00
13. DEERFIELD	4,517	230	4.51	3.93	4.50	2.27	50	1.41	31	9.07	.15	6.64	.11
14. DOUGLAS	3,730	248	5.31	5.06	5.31	2.94	55	1.28	24	3.75	.02	3.75	.05
15. DOVER	4,703	228	12.69	12.15	12.70	6.25	49	3.87	30	7.22	.06	8.50	.21
16. EASTHAM	3,472	251	11.05	11.05	11.05	6.50	58	2.87	26	7.20	.02	13.53	.00
17. EDGARTOWN	2,204	278	.00	.00	.00	.00		.00		.00	.00	.00	.00
18. ESSEX	2,998	261	5.69	5.67	4.98	3.36	67	1.02	20	5.67	.10	6.00	.06
19. HADLEY	4,125	236	4.60	4.60	4.04	2.16	53	.78	19	3.39	.00	1.93	.00
20. HAMPDEN	4,745	227	4.37	4.37	4.37	2.90	66	1.22	28	2.73	.08	5.69	.27
21. HARDWICK	2,272	274	6.13	3.79	6.13	1.94	31	1.25	20	5.72	.08	4.40	.13
22. HATFIELD	3,045	259	6.50	6.50	6.07	2.93	48	1.26	20	8.53	.00	6.23	.00
23. HOPEDALE	3,905	242	11.20	10.69	11.20	6.53	58	2.07	18	6.65	.07	9.21	.20
24. LANESBOROUGH	3,131	255	1.53	1.52	1.53	1.05	68	.45	29	3.19	.12	4.15	.12
25. MARION	3,932	241	9.19	7.29	9.19	5.49	59	2.52	27	6.86	.07	8.64	.12
26. MASHPEE	3,700	249	5.54	5.43	5.13	3.12	60	1.15	22	1.89	.02	3.24	.02



POPULATION GROUP II (2,000-4,999)  MUNICIPALITY	1980 POP- ULATION	STATE RANK BY POP- ULATION	TOTAL INCOME PER CAPITA	MUNICIPAL APPROP- RIATION \$ PER CAPITA	TOTAL OPERATING EXP \$ PER CAPITA	SALARY EXPENDITURES		MATERIALS EXPENDITURES		HOLDINGS PER CAPITA		CIRCULATION PER CAPITA	
						\$ PER CAPITA	% OF TOTAL EXP.	\$ PER CAPITA	% OF TOTAL EXP.	PRINT VOLUMES	NON- PRINT ITEMS	PRINT VOLUMES	NON- PRINT ITEMS
27. MENDON	3,108	258	3.04	3.04	3.04	1.22	40	1.36	44	5.79	.03	1.28	.00
28. MERRIMAC	4,451	231	10.36	10.27	9.80	7.12	72	2.05	20	3.81	.17	6.06	.31
29. MIDDLETON	4,135	235	12.65	12.59	12.39	7.86	63	2.57	20	4.35	.48	6.28	.19
30. NAHANT	3,947	240	13.34	13.34	13.34	7.99	59	2.97	22	18.49	.38	12.16	.22
31. NEWBURY	4,529	229	7.02	6.81	6.34	4.25	67	1.28	20	1.76	.00	4.41	.00
32. NORTH BROOKFIELD	4,150	233	6.15	6.15	6.15	2.96	48	1.55	25	4.33	.16	6.02	.24
33. NORTHFIELD	2,386	270	14.17	13.32	13.35	7.66	57	2.87	21	9.63	.04	11.73	.20
34. PAXTON	3,762	247	8.06	7.02	7.97	4.66	58	1.96	24	3.98	.18	6.37	.42
35. PRINCETON	2,425	268	8.95	8.07	8.43	4.13	49	2.29	27	5.36	.08	12.37	.12
36. PROVINCETOWN	3,536	250	17.87	17.87	17.33	10.12	58	3.38	19	2.26	.14	4.52	.08
37. ROCHESTER	3,205	254	.00	.00	.00	.00		.00		.00	.00	.00	.00
38. ROWLEY	3,867	245	8.01	7.75	8.01	5.04	62	1.95	24	5.94	.20	4.91	.33
39. RUTLAND	4,334	232	4.68	4.49	4.68	2.28	48	1.12	23	2.53	.04	4.38	.25
40. SHEFFIELD	2,743	265	12.21	11.76	11.89	7.31	61	2.58	21	9.47	.00	5.83	.00
41. SHELBURNE	2,002	279	10.14	6.55	10.04	4.73	47	2.80	27	22.47	.24	12.48	.59
42. SHERBORN	4,049	239	21.46	21.46	21.39	11.30	52	4.28	20	9.63	.17	11.36	.14
43. SOUTHAMPTON	4,137	234	7.20	7.20	7.12	4.05	56	1.90	26	4.35	.21	6.28	.53
44. STOCKBRIDGE	2,328	271	32.91	7.94	34.01	14.98	44	4.48	13	26.20	.21	24.91	.55
45. SUNDERLAND	2,929	263	3.21	3.17	3.21	.95	29	.78	24	3.07	.00	3.07	.00
46. TISBURY	2,972	262	21.61	21.06	20.23	12.03	59	3.66	18	8.41	.30	15.14	.63
47. UPTON	3,886	244	5.57	5.06	5.57	3.79	68	1.47	26	6.69	.10	7.72	.15
48. WARREN	3,777	246	6.08	4.75	6.05	2.70	44	1.30	21	3.70	.00	3.97	.00
49. WELLFLEET	2,209	277	17.43	16.55	17.41	12.98	74	3.98	22	9.50	.18	18.56	.18
50. WENHAM	3,897	243	13.11	12.65	12.24	8.26	67	2.52	20	6.15	.05	11.54	.05
51. WEST BROOKFIELD	3,026	260	6.09	3.24	6.09	3.23	53	1.32	21	5.28	.09	11.23	.03
52. WEST NEWBURY	2,861	264	11.19	10.91	10.84	6.26	57	2.82	26	5.59	.10	22.36	.20

POPULATION GROUP II (2,000-4,999)  MUNICIPALITY	1980 POP- ULATION	STATE RANK BY POP- ULATION	TOTAL INCOME PER CAPITA	MUNICIPAL APPROP- RIATION \$ PER CAPITA	TOTAL OPERATING EXP \$ PER CAPITA	SALARY EXPENDITURES		MATERIALS EXPENDITURES		HOLDINGS PER CAPITA		CIRCULATION PER CAPITA	
						\$ PER CAPITA	% OF TOTAL EXP.	\$ PER CAPITA	% OF TOTAL EXP.	PRINT VOLUMES	NON- PRINT ITEMS	PRINT VOLUMES	NON- PRINT ITEMS
53. WILLIAMSBURG	2,237	275	.00	.00	.00	.00		.00		.00	.00	.00	.00

Population Group III  
(5,000-9,999)

POPULATION GROUP III (5,000-9,999)  MUNICIPALITY	1980 POP- ULATION	STATE RANK BY POP- ULATION	TOTAL INCOME PER CAPITA	MUNICIPAL APPROP- RIATION \$ PER CAPITA	TOTAL OPERATING EXP \$ PER CAPITA	SALARY EXPENDITURES		MATERIALS EXPENDITURES		HOLDINGS PER CAPITA		CIRCULATION PER CAPITA	
						\$ PER CAPITA	% OF TOTAL EXP.	\$ PER CAPITA	% OF TOTAL EXP.	PRINT VOLUMES	NON- PRINT ITEMS	PRINT VOLUMES	NON- PRINT ITEMS
1. ACUSHNET	8,704	164	1.72	1.72	1.72	.94	54	.16	9	2.18	.00	2.52	.01
2. ASHLAND	9,165	157	5.31	5.31	5.31	3.44	64	1.09	20	3.92	.05	4.47	.10
3. AVON	5,026	226	11.25	10.15	11.25	6.72	59	2.31	20	6.16	.31	6.36	.19
4. AYER	6,993	184	6.06	5.99	7.33	3.69	50	1.56	21	2.57	.08	3.71	.24
5. BELCHERTOWN	8,339	169	3.50	3.41	3.50	1.79	51	.71	20	1.67	.03	3.47	.08
6. BLACKSTONE	6,570	192	1.47	1.47	1.41	.97	69	.43	30	2.43	.00	.91	.01
7. BOXFORD	5,374	217	13.03	13.03	12.47	7.77	62	2.66	21	6.69	.16	7.62	.14
8. BREWSTER	5,226	220	9.17	6.66	9.06	4.75	52	1.89	20	3.44	.01	9.75	.21
9. CARVER	6,988	185	5.19	5.19	4.83	2.79	57	1.09	22	1.86	.05	4.14	.10
10. CHARLTON	6,719	191	.00	.00	.00	.00		.00		.00	.00	.00	.00
11. CHATHAM	6,071	202	8.60	6.60	9.35	4.67	50	1.89	20	5.76	.01	12.02	.01
12. COHASSET	7,174	179	20.78	20.39	20.77	13.78	66	4.85	23	7.80	.25	15.05	.34
13. DALTON	6,797	190	8.40	7.96	8.09	5.13	63	1.69	20	4.70	.07	7.35	.16
14. DIGHTON	5,352	218	2.34	2.34	2.34	1.25	53	.67	28	2.98	.03	4.11	.01
15. DUDLEY	8,717	163	3.83	3.83	3.83	2.12	55	.93	24	2.86	.01	4.12	.00
16. EAST BRIDGEWATER	9,945	152	11.62	11.44	11.52	7.21	62	2.29	19	4.32	.18	4.72	.10
17. FREETOWN	7,058	182	2.68	2.68	2.56	1.41	54	.71	27	2.26	.08	2.97	.14
18. GEORGETOWN	5,687	210	8.43	8.43	8.34	4.49	53	2.48	29	5.09	.22	8.61	.31
19. GRANBY	5,380	216	5.25	5.24	5.11	3.56	69	1.09	21	3.34	.03	4.83	.09
20. GREAT BARRINGTON	7,405	174	11.19	10.65	11.19	6.08	54	1.74	15	9.45	.02	7.69	.06
21. GROTON	6,154	201	9.57	8.93	9.57	6.30	65	2.09	21	7.14	.06	6.82	.12
22. GROVELAND	5,040	225	5.29	3.87	5.29	2.75	52	1.94	36	3.17	.05	4.96	.23
23. HALIFAX	5,513	213	7.12	6.87	7.12	3.76	52	1.72	24	3.08	.16	7.43	.23
24. HAMILTON	6,960	187	11.25	11.25	11.06	6.32	57	3.18	28	4.74	.08	7.47	.17
25. HANSON	8,617	165	4.51	4.38	4.51	2.79	61	1.47	32	2.32	.01	3.94	.05
26. HARWICH	8,971	159	9.09	8.17	8.72	4.41	50	1.98	22	6.46	.18	12.93	.17

POPULATION GROUP III (5,000-9,999)  MUNICIPALITY	1980 POP- ULATION	STATE RANK BY POP- ULATION	TOTAL INCOME PER CAPITA	MUNICIPAL APPROP- RIATION \$ PER CAPITA	TOTAL OPERATING EXP \$ PER CAPITA	SALARY EXPENDITURES		MATERIALS EXPENDITURES		HOLDINGS PER CAPITA		CIRCULATION PER CAPITA	
						% OF		% OF		PRINT VOLUMES	NON- PRINT ITEMS	PRINT VOLUMES	NON- PRINT ITEMS
						\$ PER CAPITA	TOTAL EXP.	\$ PER CAPITA	TOTAL EXP.				
27. HOPKINTON	7,114	180	9.68	8.73	9.68	5.36	55	1.71	17	4.21	.08	10.12	.21
28. HULL	9,714	153	9.42	9.42	9.42	6.17	65	2.24	23	4.83	.02	5.35	.02
29. KINGSTON	7,362	176	11.79	11.76	11.14	7.30	65	2.08	18	5.02	.19	7.74	.54
30. LAKEVILLE	5,931	206	3.43	3.43	3.43	2.14	62	.54	15	1.85	.03	2.19	.05
31. LANCASTER	6,334	197	12.08	8.93	12.08	7.09	58	2.71	22	7.26	.20	9.15	.42
32. LEE	6,247	198	12.67	12.35	12.46	6.46	51	2.59	20	6.72	.12	7.20	.16
33. LEICESTER	9,446	155	4.38	4.38	4.33	2.48	57	1.02	23	2.75	.04	2.64	.13
34. LENOX	6,523	193	.00	.00	.00	.00		.00		.00	.00	.00	.00
35. LINCOLN	7,098	181	23.28	23.28	23.17	15.11	65	4.39	18	7.88	.38	10.70	.76
36. LITTLETON	6,970	186	8.12	7.48	8.08	5.91	73	1.30	16	6.31	.05	9.03	.30
37. LUNENBURG	8,405	167	9.48	9.48	9.29	5.87	63	1.91	20	2.73	.05	5.82	.35
38. MANCHESTER	5,424	215	12.75	12.75	12.74	8.03	63	2.95	23	6.45	.07	9.95	.14
39. MATTAPOISETT	5,597	212	5.86	5.86	5.62	3.24	57	1.32	23	3.21	.07	5.18	.12
40. MAYNARD	9,590	154	8.21	8.15	7.97	5.53	69	1.80	22	3.12	.07	3.85	.23
41. MEDWAY	8,447	166	11.72	11.71	11.36	6.06	53	2.24	19	3.66	.04	6.27	.18
42. MILLIS	6,908	188	8.67	8.67	8.67	6.32	72	1.89	21	5.35	.01	9.55	.00
43. MONSON	7,315	177	8.01	6.50	7.42	4.28	57	1.58	21	3.55	.15	3.55	.17
44. MONTAGUE	8,011	171	7.82	7.82	7.33	4.24	57	1.92	26	6.61	.09	7.61	.32
45. NANTUCKET	5,087	224	.00	.00	.00	.00		.00		.00	.00	.00	.00
46. NORFOLK	6,363	194	7.90	7.56	7.90	4.90	62	1.93	24	2.51	.06	8.01	.34
47. NORWELL	9,182	156	12.94	12.94	11.92	6.94	58	2.60	21	3.59	.06	9.14	.20
48. ORANGE	6,844	189	6.82	6.82	6.81	3.72	54	1.42	20	5.40	.10	5.99	.05
49. ORLEANS	5,306	219	16.66	15.28	16.66	9.77	58	4.36	26	3.95	.11	17.52	.26
50. PEPPERELL	8,061	170	11.54	11.40	11.15	6.74	60	2.28	20	4.46	.04	8.55	.43
51. PLAINVILLE	5,857	207	2.12	2.12	2.12	1.12	52	.42	20	1.87	.05	1.36	.00
52. RAYNHAM	9,085	158	3.24	3.09	3.16	1.97	62	.60	19	2.64	.03	3.96	.01

POPULATION GROUP III (5,000-9,999)	1980 POP- ULATION	STATE RANK BY POP- ULATION	TOTAL INCOME PER CAPITA	MUNICIPAL APPROP- RIATION \$ PER CAPITA	TOTAL OPERATING EXP \$ PER CAPITA	SALARY EXPENDITURES \$ PER CAPITA	% OF TOTAL EXP.	MATERIALS EXPENDITURES \$ PER CAPITA	% OF TOTAL EXP.	HOLDINGS PER CAPITA PRINT VOLUMES	NON- PRINT ITEMS	CIRCULATION PER CAPITA PRINT VOLUMES	NON- PRINT ITEMS
53. REHOBOTH	7,570	173	1.13	1.01	1.08	.64	59	.29	26	1.05	.02	1.32	.05
54. ROCKPORT	6,345	196	11.49	11.25	11.49	8.61	74	2.37	20	7.56	.15	13.55	.50
55. SALISBURY	5,973	205	6.06	6.06	5.65	3.42	60	1.58	28	4.35	.08	4.01	.05
56. SANDWICH	8,727	162	11.64	10.28	11.64	8.44	72	1.28	11	3.89	.10	10.77	.40
57. SHIRLEY	5,124	223	3.61	3.51	3.51	1.88	53	.77	22	4.68	.03	2.34	.03
58. SOUTHBOROUGH	6,193	200	12.99	12.73	12.79	8.18	63	3.08	24	5.65	.14	9.84	1.40
59. SOUTHWICK	7,382	175	4.13	4.13	3.85	2.50	65	1.03	26	1.49	.06	4.60	.12
60. STERLING	5,440	214	9.96	9.96	9.96	6.02	60	2.39	24	3.12	.36	6.06	.34
61. STOW	5,144	221	9.73	8.72	9.34	5.24	56	1.91	20	5.05	.01	6.41	.09
62. STURBRIDGE	5,976	204	5.74	5.50	5.74	3.80	66	1.16	20	2.17	.05	7.19	.26
63. SUTTON	5,855	208	4.58	4.58	4.58	2.78	60	1.08	23	2.56	.05	3.41	.05
64. TEMPLETON	6,070	203	2.56	2.24	2.50	1.07	42	.81	32	1.97	.01	1.81	.04
65. TOPSFIELD	5,709	209	14.89	14.54	14.79	8.73	59	3.48	23	5.60	.15	11.73	.36
66. TOWNSEND	7,201	178	.00	.00	.00	.00		.00		.00	.00	.00	.00
67. TYNGSBORO	5,683	211	.00	.00	.00	.00		.00		.00	.00	.00	.00
68. UXBRIDGE	8,374	168	7.71	6.72	7.04	4.31	61	1.53	21	4.17	.08	4.77	.08
69. WARE	8,953	160	7.94	6.14	7.91	3.64	46	1.54	19	4.57	.39	5.58	.05
70. WEST BOYLSTON	6,204	199	11.84	11.75	11.63	7.77	66	2.20	18	4.83	.12	4.35	.12
71. WEST BRIDGEWATER	6,359	195	10.49	10.34	10.49	6.10	58	2.58	24	5.50	.06	6.44	.28
72. WESTMINSTER	5,139	222	9.05	9.05	9.05	5.85	64	1.82	20	4.08	.09	6.42	.29
73. WILLIAMSTOWN	8,741	161	6.17	6.17	6.17	4.42	71	1.31	21	3.20	.13	9.03	.46
74. WINCHENDON	7,019	183	4.76	4.36	4.61	2.42	52	.89	19	3.27	.01	3.70	.02
75. WRENTHAM	7,580	172	9.37	9.17	9.30	5.98	64	2.15	23	3.82	.13	5.27	.26



Population Group IV  
(10,000-24,999)

POPULATION GROUP IV (10,000-24,999)  MUNICIPALITY	1980 POP- ULATION	STATE RANK BY POP- ULATION	TOTAL INCOME PER CAPITA	MUNICIPAL APPROP- RIATION \$ PER CAPITA	TOTAL OPERATING EXP \$ PER CAPITA	SALARY EXPENDITURES		MATERIALS EXPENDITURES		HOLDINGS PER CAPITA		CIRCULATION PER CAPITA	
						\$ PER CAPITA	% OF TOTAL EXP.	\$ PER CAPITA	% OF TOTAL EXP.	PRINT VOLUMES	NON- PRINT ITEMS	PRINT VOLUMES	NON- PRINT ITEMS
1. ABINGTON	13,517	119	9.14	9.14	8.67	5.87	67	2.10	24	3.40	.03	5.47	.14
2. ACTON	17,544	91	14.02	13.98	13.90	9.31	66	2.33	16	3.24	.12	11.28	.45
3. ADAMS	10,381	150	8.69	8.22	8.42	5.99	71	1.53	18	3.66	.09	7.99	.18
4. AMESBURY	13,971	112	11.82	11.05	11.82	8.10	68	2.74	23	6.87	.04	7.73	.10
5. ATHOL	10,634	148	8.84	8.55	8.55	6.02	70	1.57	18	2.63	.10	7.42	.52
6. AUBURN	14,845	107	13.12	12.98	12.76	8.29	64	2.36	18	3.43	.14	7.74	.49
7. BEDFORD	13,067	125	17.06	16.89	17.04	11.59	67	3.55	20	5.73	.15	7.27	.49
8. BELLINGHAM	14,300	109	3.25	3.25	3.25	2.10	64	.83	25	1.11	.00	2.86	.00
9. BOURNE	13,874	113	9.21	9.21	9.21	6.02	65	1.56	17	3.02	.02	5.69	.13
10. BRIDGEWATER	17,202	94	11.19	10.70	10.58	6.45	61	1.91	18	4.53	.14	6.27	.22
11. BURLINGTON	23,486	68	8.91	8.89	8.64	5.51	63	2.12	24	2.51	.09	4.98	.18
12. CANTON	18,182	87	16.12	16.12	15.76	11.12	70	2.85	18	4.17	.24	8.41	.34
13. CLINTON	12,771	127	6.02	6.02	5.98	3.88	64	.99	16	4.46	.05	2.19	.03
14. CONCORD	16,293	101	29.82	22.98	29.82	19.97	66	4.59	15	12.33	.38	15.95	.76
15. DANVERS	24,100	65	12.44	11.51	12.44	9.19	73	2.46	19	3.81	.14	6.30	.74
16. DARTMOUTH	23,966	66	9.16	9.04	9.06	5.47	60	1.49	16	3.79	.07	7.76	.16
17. DENNIS	12,360	130	4.18	2.42	3.68	.94	25	1.03	28	4.04	.04	5.01	.00
18. DRACUT	21,249	73	5.30	5.29	5.30	3.48	65	.73	13	1.45	.04	3.29	.07
19. DUXBURY	11,807	137	16.53	14.87	16.20	11.19	69	2.46	15	4.23	.17	9.82	.38
20. EAST LONGMEADOW	12,905	126	12.25	12.25	12.23	7.29	59	2.60	21	3.79	.17	12.08	.65
21. EASTHAMPTON	15,580	105	.00	.00	.00	.00		.00		.00	.00	.00	.00
22. EASTON	16,623	96	6.09	.99	5.93	2.68	45	.99	16	2.94	.00	3.54	.00
23. FAIRHAVEN	15,759	103	10.89	10.04	10.89	5.65	51	1.87	17	5.20	.13	6.59	.13
24. FALMOUTH	23,640	67	16.96	15.82	16.29	10.44	64	2.70	16	5.71	.23	13.95	.53
25. FOXBOROUGH	14,148	110	12.05	11.77	11.55	7.76	67	1.95	16	3.88	.14	7.70	.30
26. FRANKLIN	18,217	86	6.86	6.86	6.86	4.70	68	1.25	18	3.01	.05	4.99	.02

POPULATION GROUP IV (10,000-24,999)  MUNICIPALITY	1980 POP- ULATION	STATE RANK BY POP- ULATION	TOTAL INCOME PER CAPITA	MUNICIPAL APPROP- RIATION \$ PER CAPITA	TOTAL OPERATING EXP \$ PER CAPITA	SALARY EXPENDITURES		MATERIALS EXPENDITURES		HOLDINGS PER CAPITA		CIRCULATION PER CAPITA	
						\$ PER CAPITA	% OF TOTAL EXP.	\$ PER CAPITA	% OF TOTAL EXP.	PRINT VOLUMES	NON- PRINT ITEMS	PRINT VOLUMES	NON- PRINT ITEMS
27. GARDNER	17,900	90	10.59	9.55	10.59	6.61	62	2.27	21	4.24	.15	7.20	1.01
28. GRAFTON	11,238	143	.00	.00	.00	.00		.00		.00	.00	.00	.00
29. GREENFIELD	18,436	85	9.78	9.68	9.76	7.33	75	1.51	15	6.34	.30	7.32	.35
30. HANOVER	11,358	141	8.38	7.84	8.38	5.78	68	1.81	21	4.49	.15	8.10	.38
31. HARVARD	12,170	133	4.02	3.48	4.02	2.21	55	1.28	31	2.21	.05	3.20	.13
32. HINGHAM	20,339	77	20.97	18.78	20.97	14.41	68	3.65	17	7.52	.82	15.43	1.36
33. HOLBROOK	11,140	146	9.47	9.47	9.15	5.99	65	1.74	19	3.14	.08	5.29	.17
34. HOLDEN	13,336	123	11.43	11.33	11.21	8.15	72	1.78	15	2.77	.20	10.04	.59
35. HOLLISTON	12,622	129	7.17	7.17	7.17	4.68	65	1.46	20	3.01	.09	7.28	.29
36. HUDSON	16,408	97	8.10	7.99	7.90	5.71	72	1.28	16	2.25	.07	4.38	.20
37. IPSWICH	11,158	145	10.74	10.74	10.74	7.32	68	2.33	21	5.55	.08	7.25	.26
38. LONGMEADOW	16,301	100	12.38	10.64	11.76	6.70	56	2.04	17	3.25	.03	13.80	.09
39. LUDLOW	18,150	88	5.45	5.43	1.27	3.53	276	1.26	98	1.76	.01	3.74	.06
40. LYNNFIELD	11,267	142	15.02	14.33	15.02	10.15	67	3.91	26	4.88	.24	9.94	.47
41. MANSFIELD	13,453	121	7.37	7.37	7.18	4.94	68	1.40	19	2.45	.06	5.05	.33
42. MARBLEHEAD	20,126	79	17.88	17.74	17.74	12.18	68	3.81	21	4.52	.31	11.47	.90
43. MARSHFIELD	20,916	75	8.88	8.42	8.86	6.45	72	1.77	20	2.48	.11	7.17	.25
44. MEDFIELD	10,220	151	6.13	5.36	6.07	4.23	69	1.46	24	2.54	.03	7.14	.11
45. MIDDLEBOROUGH	16,404	98	7.46	6.03	6.77	4.60	67	1.47	21	6.40	.15	4.75	.07
46. MILFORD	23,390	69	3.94	3.94	3.83	2.80	72	.74	19	2.60	.00	4.91	.00
47. MILLBURY	11,808	136	5.84	5.84	5.31	3.24	61	1.43	27	2.03	.05	4.74	.22
48. NEWBURYPORT	15,900	102	11.11	10.21	10.67	7.45	69	2.02	18	4.46	.02	6.79	.13
49. NORTH ADAMS	18,063	89	6.31	6.31	6.31	5.02	79	1.05	16	3.15	.09	3.65	.10
50. NORTH ANDOVER	20,129	78	9.08	8.47	8.99	6.37	70	1.50	16	2.68	.07	5.71*	.00*
51. NORTH ATTLEBORO	21,095	74	5.75	5.61	5.57	3.81	68	1.04	18	2.37	.02	4.83	.05
52. NORTH READING	11,455	139	8.42	8.28	8.42	6.02	71	1.57	18	2.96	.13	6.72	.29

POPULATION GROUP IV (10,000-24,999)  MUNICIPALITY	1980 POP- ULATION	STATE RANK BY POP- ULATION	TOTAL INCOME PER CAPITA	MUNICIPAL APPROP- RIATION \$ PER CAPITA	TOTAL OPERATING EXP \$ PER CAPITA	SALARY EXPENDITURES		MATERIALS EXPENDITURES		HOLDINGS PER CAPITA		CIRCULATION PER CAPITA	
						% OF		% OF		PRINT VOLUMES	NON- PRINT ITEMS	PRINT VOLUMES	NON- PRINT ITEMS
						\$ PER CAPITA	TOTAL EXP.	\$ PER CAPITA	TOTAL EXP.				
53. NORTHBOROUGH	10,568	149	16.03	15.30	15.83	9.62	60	3.17	20	3.78	.08	11.26	.50
54. NORTHBRIDGE	12,246	132	7.59	6.76	7.59	4.08	53	1.73	22	3.75	.07	5.22	.10
55. NORTON	12,690	128	5.17	5.07	4.98	3.55	71	1.01	20	2.28	.04	3.23	.06
56. OXFORD	11,680	138	7.90	7.83	7.66	5.28	68	1.29	16	2.99	.07	2.99	.11
57. PALMER	11,389	140	10.88	10.43	10.88	6.24	57	2.06	18	3.68	.19	11.41	.70
58. PEMBROKE	13,487	120	5.77	5.68	5.69	3.94	69	1.13	19	3.11	.02	7.71	.03
59. READING	22,678	70	13.32	13.14	13.32	9.12	68	2.53	19	3.17	.22	9.65	.52
60. ROCKLAND	15,695	104	6.39	6.33	6.38	4.45	69	1.01	15	2.35	.08	5.92	.15
61. SAUGUS	24,746	63	5.86	5.86	5.86	4.69	79	1.02	17	3.47	.02	3.71	.01
62. SCITUATE	17,317	93	10.08	10.02	10.14	8.12	80	1.75	17	3.46	.16	10.39	.47
63. SEEKONK	12,269	131	6.69	6.69	6.69	4.47	66	1.90	28	2.36	.02	5.94	.03
64. SHARON	13,601	117	13.20	13.16	13.21	7.62	57	3.06	23	4.55	.07	9.48	.14
65. SHREWSBURY	22,674	71	14.67	14.20	13.51	7.96	58	2.81	20	3.92	.08	7.01	.12
66. SOMERSET	18,813	82	9.91	9.91	9.64	6.44	66	1.68	17	3.24	.04	7.81	.12
67. SOUTH HADLEY	16,399	99	10.63	10.63	10.63	7.22	67	1.93	18	2.86	.26	7.07	1.04
68. SOUTHBRIDGE	16,665	95	10.51	9.55	10.51	6.21	59	2.30	21	3.18	.10	6.60	.21
69. SPENCER	10,774	147	5.73	4.75	5.73	3.27	57	1.17	20	2.41	.04	4.08	.07
70. STONEHAM	21,424	72	13.11	13.11	12.55	8.21	65	3.12	24	3.08	.18	7.70	.46
71. SUDBURY	14,027	111	14.25	14.25	13.98	9.15	65	2.98	21	3.42	.19	12.19	.79
72. SWAMPSCOTT	13,837	114	14.93	14.77	14.93	11.03	73	2.55	17	4.76	.13	7.58	.44
73. SWANSEA	15,461	106	5.10	4.69	5.10	2.29	44	1.25	24	2.52	.02	5.10	.05
74. TEWKSBURY	24,635	64	4.33	4.33	4.30	3.09	71	.81	18	1.38	.03	2.71	.06
75. WAKEFIELD	24,895	62	18.25	17.53	17.76	11.93	67	3.16	17	4.29	.12	6.90	.30
76. WALPOLE	18,859	81	12.46	12.37	12.45	8.47	68	2.71	21	4.93	.09	8.16	.12
77. WAREHAM	18,457	83	7.96	7.54	7.38	5.07	68	1.48	20	1.57	.01	4.98	.05
78. WAYLAND	12,170	133	16.99	16.83	16.91	11.22	66	3.54	20	5.34	.19	12.40	.81

POPULATION GROUP IV (10,000-24,999)	1980 POP- ULATION	STATE RANK BY POP- ULATION	TOTAL INCOME PER CAPITA	MUNICIPAL APPROP- RIATION \$ PER CAPITA	TOTAL OPERATING EXP \$ PER CAPITA	SALARY EXPENDITURES		MATERIALS EXPENDITURES		HOLDINGS PER CAPITA		CIRCULATION PER CAPITA	
						\$ PER CAPITA	% OF TOTAL EXP.	\$ PER CAPITA	% OF TOTAL EXP.	PRINT VOLUMES	NON- PRINT ITEMS	PRINT VOLUMES	NON- PRINT ITEMS
79. WEBSTER	14,480	108	6.98	6.98	6.98	5.01	71	1.07	15	2.34	.07	6.14	.20
80. WESTBOROUGH	13,619	116	13.73	13.54	12.87	8.74	67	2.51	19	2.93	.10	7.85	.44
81. WESTFORD	13,434	122	10.83	10.68	10.74	7.47	69	2.06	19	4.61	.16	6.92	.32
82. WESTON	11,169	144	17.69	17.31	17.34	11.67	67	3.37	19	5.01	.31	11.37	.93
83. WESTPORT	13,763	115	5.53	5.48	5.53	3.51	63	.99	17	2.03	.02	5.74	.07
84. WESTWOOD	13,212	124	20.51	20.43	19.50	13.67	70	3.21	16	6.88	.10	13.09*	.00*
85. WHITMAN	13,534	118	3.32	3.32	3.32	2.08	62	.62	18	2.58	.00	2.88	.00
86. WILBRAHAM	12,053	135	13.32	13.32	13.29	7.78	58	2.94	22	4.39	.14	9.37	.37
87. WILMINGTON	17,471	92	13.04	13.04	13.04	9.50	72	2.84	21	4.23	.15	7.84	.00
88. WINCHESTER	20,701	76	23.04	22.32	21.40	15.24	71	3.65	17	4.83	.32	11.93	1.06
89. WINTHROP	19,294	80	7.04	7.04	6.96	5.12	73	1.13	16	4.19	.06	3.99	.11
90. YARMOUTH	18,449	84	6.15	4.84	5.84	2.65	45	1.23	21	3.14	.05	9.21	.10





Population Group V  
(25,000-49,999)

POPULATION GROUP V (25,000-49,999)	1980 POP- ULATION	STATE RANK BY POP- ULATION	TOTAL INCOME PER CAPITA	MUNICIPAL APPROP- RIATION \$ PER CAPITA	TOTAL OPERATING EXP \$ PER CAPITA	SALARY EXPENDITURES % OF TOTAL EXP.		MATERIALS EXPENDITURES % OF TOTAL EXP.		HOLDINGS PER CAPITA		CIRCULATION PER CAPITA	
MUNICIPALITY						\$ PER CAPITA		\$ PER CAPITA		PRINT VOLUMES	NON- PRINT ITEMS	PRINT VOLUMES	NON- PRINT ITEMS
1. AGAWAM	26,271	57	7.94	7.72	7.65	4.22	55	1.51	19	2.47	.04	6.35	.27
2. AMHERST	33,229	41	10.32	9.18	10.30	6.69	64	1.73	16	3.43	.18	6.22	.74
3. ANDOVER	26,370	56	22.52	22.52	22.52	15.71	69	3.33	14	5.91	.28	14.22	1.17
4. ARLINGTON	48,219	22	17.01	16.76	17.01	12.51	73	2.36	13	3.73	.19	8.08	.76
5. ATTLEBORO	34,196	40	6.98	6.65	6.98	4.30	61	1.25	17	3.36	.08	4.76	.19
6. BARNSTABLE	30,898	43	14.87	9.14	14.35	7.37	51	2.24	15	4.88	.05	10.45	.13
7. BELMONT	26,100	58	19.95	19.95	19.95	14.60	73	2.90	14	4.98	.24	12.06*	.00*
8. BEVERLY	37,655	30	10.98	10.87	10.98	7.39	67	2.28	20	3.31	.10	7.25	.37
9. BILLERICA	36,727	32	5.24	5.24	5.24	3.56	67	.71	13	1.22	.01	3.10	.03
10. BRAINTREE	36,337	36	14.76	14.66	13.05	9.64	73	1.93	14	2.80	.10	7.04	.26
11. CHELMSFORD	31,174	42	10.02	10.02	10.02	7.13	71	1.78	17	2.56	.19	7.82	.69
12. CHELSEA	25,431	60	8.97	8.97	8.97	6.53	72	1.39	15	5.66	.21	5.81	.55
13. DEDHAM	25,298	61	14.77	14.59	14.18	9.55	67	2.84	20	5.85	.08	7.78*	.00*
14. EVERETT	37,195	31	11.24	11.05	11.04	8.09	73	1.60	14	4.92	.11	4.51	.26
15. FITCHBURG	39,580	28	14.17	13.35	14.14	9.43	66	2.14	15	4.64	.21	6.61	.61
16. GLOUCESTER	27,768	52	10.78	10.49	10.20	7.22	70	1.49	14	3.42	.17	5.32	.34
17. HAVERHILL	46,865	23	8.82	7.81	8.74	6.05	69	1.31	15	3.32	.06	4.86	.10
18. HOLYOKE	44,678	26	5.53	4.65	5.53	3.38	61	.86	15	3.55	.15	2.48	.03
19. LEOMINSTER	34,508	38	10.00	9.73	10.00	6.36	63	2.42	24	3.12	.06	5.33	.23
20. LEXINGTON	29,479	47	22.24	20.50	21.84	14.64	67	3.86	17	6.51	.33	16.41*	.03*
21. MARLBOROUGH	30,617	44	8.47	8.17	8.11	5.92	72	1.09	13	3.36	.16	6.72	.34
22. MELROSE	30,055	45	11.25	10.77	11.13	8.07	72	1.90	17	3.99	.32	6.95	.39
23. METHUEN	36,701	33	3.36	.94	3.78	1.73	45	.80	21	2.04	.03	1.96	.16
24. MILTON	25,860	59	14.41	14.10	14.21	10.64	74	2.24	15	4.98	.23	8.58	.56
25. NATICK	29,461	48	14.71	13.69	14.28	9.81	68	1.95	13	4.34	.10	8.41	.33
26. NEEDHAM	27,901	51	16.59	16.59	16.46	10.91	66	2.96	18	4.40	.08	11.82*	.00*

POPULATION GROUP V (25,000-49,999)  MUNICIPALITY	1980 POP- ULATION	STATE RANK BY POP- ULATION	TOTAL INCOME PER CAPITA	MUNICIPAL APPROP- RIATION \$ PER CAPITA	TOTAL OPERATING EXP \$ PER CAPITA	SALARY EXPENDITURES		MATERIALS EXPENDITURES		HOLDINGS PER CAPITA		CIRCULATION PER CAPITA	
						\$ PER CAPITA	% OF TOTAL EXP.	\$ PER CAPITA	% OF TOTAL EXP.	PRINT VOLUMES	NON- PRINT ITEMS	PRINT VOLUMES	NON- PRINT ITEMS
27. NORTHAMPTON	29,286	49	14.07	11.65	14.05	9.42	67	2.54	18	11.91	.51	10.89	.50
28. NORWOOD	29,711	46	12.12	12.12	12.12	8.88	73	1.78	14	2.69	.14	7.23*	.00*
29. PEABODY	45,976	24	8.33	7.17	8.33	4.66	56	.99	11	1.65	.06	2.76	.02
30. PLYMOUTH	35,913	37	9.91	9.91	9.91	7.08	71	1.65	16	2.39	.11	6.12*	.00*
31. RANDOLPH	28,218	50	7.36	7.36	7.36	4.93	67	1.42	19	2.26	.13	4.89	.79
32. REVERE	42,423	27	3.49	3.49	3.49	2.57	73	.52	14	1.20	.02	1.43	.00
33. SALEM	38,220	29	13.69	12.88	13.30	8.27	62	3.09	23	4.63	.32	5.12	.76
34. STOUGHTON	26,710	55	11.32	11.28	11.32	7.05	62	2.19	19	3.74	.22	7.07	.41
35. TAUNTON	45,001	25	5.73	5.66	5.73	3.92	68	.83	14	4.88	.03	4.93	.03
36. WATERTOWN	34,384	39	19.16	18.87	18.67	14.01	75	2.69	14	3.72	.21	6.16	.63
37. WELLESLEY	27,209	53	23.69	23.69	23.69	16.04	67	4.14	17	6.50	.26	12.23*	.00*
38. WEST SPRINGFIELD	27,042	54	8.93	8.92	8.92	5.93	66	1.52	17	2.95	.04	6.06	.10
39. WESTFIELD	36,465	35	10.74	8.86	10.74	6.92	64	1.43	13	4.00	.11	10.39	.21
40. WOBURN	36,626	34	6.66	6.66	6.19	4.69	75	.82	13	2.56	.06	3.33	.05



# Population Group VI (50,000-99,999)

POPULATION GROUP VI (50,000-99,999)		STATE RANK BY POP- ULATION	TOTAL INCOME PER CAPITA	MUNICIPAL APPROP- RIATION \$ PER CAPITA	TOTAL OPERATING EXP \$ PER CAPITA	SALARY EXPENDITURES % OF TOTAL EXP.		MATERIALS EXPENDITURES % OF TOTAL EXP.		HOLDINGS PER CAPITA		CIRCULATION PER CAPITA	
MUNICIPALITY	1980 POP- ULATION	ULATION				\$ PER CAPITA		\$ PER CAPITA		PRINT VOLUMES	NON- PRINT ITEMS	PRINT VOLUMES	NON- PRINT ITEMS
1. BROCKTON	95,172	6	8.24	8.14	8.24	6.31	76	.99	12	2.76	.07	5.27	.14
2. BROOKLINE	55,062	19	23.15	22.99	23.15	16.25	70	3.82	16	6.46	.19	9.80*	.00*
3. CAMBRIDGE	95,322	5	13.82	13.72	13.81	10.39	75	1.62	11	4.33	.17	5.46	.49
4. CHICOPEE	55,112	18	6.80	6.80	6.76	5.30	78	.94	13	1.86	.04	3.91	.07
5. FALL RIVER	92,574	7	5.37	5.27	5.33	3.58	67	1.08	20	3.41	.06	3.04	.13
6. FRAMINGHAM	65,113	13	13.79	13.73	13.23	10.16	76	2.30	17	3.36	.10	8.10	.23
7. LAWRENCE	63,175	14	7.95	7.81	7.90	5.22	66	.97	12	3.57	.04	2.88	.03
8. LOWELL	92,418	8	4.28	4.21	4.28	3.05	71	.70	16	4.11	.04	2.26	.09
9. LYNN	78,471	11	10.59	10.47	10.54	8.33	78	1.30	12	3.35	.07	3.87	.19
10. MALDEN	53,386	20	9.77	8.20	8.79	5.95	67	1.46	16	3.83	.14	3.72	.19
11. MEDFORD	58,076	16	9.76	9.76	9.59	7.22	75	1.26	13	2.15	.14	3.28	.09
12. NEW BEDFORD	98,478	4	6.96	5.88	6.96	4.88	70	1.22	17	3.89	.30	4.39	.20
13. NEWTON	83,622	10	13.82	13.57	13.70	10.72	78	1.85	13	3.91	.11	6.80	.19
14. PITTSFIELD	51,974	21	10.66	9.71	10.58	8.60	81	1.28	12	3.38	.27	9.25	1.20
15. QUINCY	84,743	9	13.54	13.48	13.47	11.26	83	.68	5	2.45	.13	5.74	.19
16. SOMERVILLE	77,372	12	9.51	9.42	9.17	7.36	80	1.24	13	2.62	.06	2.35	.12
17. WALTHAM	58,200	15	7.42	7.42	7.42	6.01	81	1.25	16	2.33	.07	4.08	.33
18. WEYMOUTH	55,601	17	9.98	9.84	9.71	7.15	73	1.33	13	2.67	.08	5.75	.17





# Population Group VII (100,000 +)

POPULATION GROUP VII (100,000 +)  MUNICIPALITY	1980 POP- ULATION	STATE RANK BY POP- ULATION	TOTAL INCOME PER CAPITA	MUNICIPAL APPROP- RIATION \$ PER CAPITA	TOTAL OPERATING EXP \$ PER CAPITA	SALARY EXPENDITURES		MATERIALS EXPENDITURES		HOLDINGS PER CAPITA		CIRCULATION PER CAPITA	
						\$ PER CAPITA	% OF TOTAL EXP.	\$ PER CAPITA	% OF TOTAL EXP.	PRINT VOLUMES	NON- PRINT ITEMS	PRINT VOLUMES	NON- PRINT
1. BOSTON	562,994	1	17.32	17.07	17.24	11.61	67	2.13	12	8.66	.51	3.01	.14
2. SPRINGFIELD	152,319	3	19.88	17.30	17.48	12.02	68	2.15	12	4.72	.16	5.81	.76
3. WORCESTER	161,799	2	14.68	14.41	14.30	10.62	74	1.96	13	5.28	.11	5.05*	.00*



Section Three:  
Statistics of Public Libraries Form  
FY81

library name \_\_\_\_\_ municipality \_\_\_\_\_

## Statistics of Public Libraries FY 81

The Commonwealth of Massachusetts  
Board of Library Commissioners

648 Beacon Street  
Boston, Massachusetts • 02215  
617 267-9400 • 800 952-7403

### ANNUAL REPORT STATEMENT:

The Board of Library Commissioners has determined that the information requested on pages 1-3 of the Statistics of Public Libraries FY81 form is annual report data necessary a) to set up, and to evaluate, minimum standards of free public library service under MGL c.78 §19B and municipal support standards under MGL c.78 §19A, and b) to determine adherence to existing minimum standards of free public library service under §19B and existing municipal support requirements under §19A in order to be able to certify public libraries for direct state aid under §19A, as amended by c.636 Acts of 1970.

This statement is required by the MBLC regulation relating to Submission of Annual Report Data by Public Libraries of Massachusetts, December, 1977, 605 CMR 5.02(4). Per 605 CMR 5.03(2), filing annual report data in accordance with designations by the Board as to times and methods is a condition of eligibility for the direct state aid authorized in MGL c.78 §19A.

### INTRODUCTION:

Your responses are necessary to implement the library incentive grant program and to compile accurate public library statistics for planning at the local and state levels. Compilations of responses relating to Income, Expenditures, Holdings and Circulation will be published in Data for Massachusetts FY81. Comparative Public Library Report. Do not hesitate to contact the Planning and Research Unit if you require specific information prior to publication of the Report.

If for any reason a local situation exists that makes it impossible to report information in the format requested, please telephone the Planning and Research Unit at 1-800-952-7403 or 267-9400 as soon as possible to discuss possible reporting alternatives.

Data should be reported for Fiscal 1981, covering the 12-month period between July 1, 1980 and June 30, 1981. If data is for another 12-month period, please supply inclusive dates here \_\_\_\_\_.  
One complete copy of this form should be returned to the Planning and Research Unit no later than August 3, 1981.

NAME

SIGNATURE:

DATE COMPLETED:

TITLE:

PART I - INCOME AND EXPENDITURES

A. Total Annual Operating Income

1. Appropriated Municipal Income

- a. Municipal Appropriation.....
- b. Library Incentive Grant.....
- c. Dog Tax Fund.....
- d. Revenue Sharing.....

TOTAL APPROPRIATED  
MUNICIPAL INCOME

2. Other Operating Income

- a. Endowments, Trusts, and Gifts.....
- b. Fines and Fees .....
- c. Reg'l & Subreg'l Reimbursements....

TOTAL ANNUAL  
OPERATING INCOME

B. Total Annual Operating Expenditures

1. Salaries.....

TOTAL SALARY  
EXPENDITURES

2. Library Materials

a. Print Materials

- 1. Books.....
- 2. Periodicals.....
- 3. Microforms.....
- 4. Binding and Rebinding.....

Total a.

TOTAL MATERIALS  
EXPENDITURES

b. Non-Print & Additional Library Materials

- 1. Audio Recordings.....
- 2. Films.....
- 3. Other Non-Print & Additional Library Materials..

Total b.

TOTAL OPERATING  
EXPENDITURES

3. Other Operating Expenditures.....

OTHER OPERATING  
EXPENDITURES

\*C. Total Capital Expenditures

- 1. Appropriation.....
- 2. Other, specify Source: .....

TOTAL CAPITAL  
EXPENDITURES

\*Please be sure that any monies reported in section C are not reported in section A or B.

PART II - HOLDINGS AND CIRCULATION

A. HOLDINGS

1. PRINT MATERIALS

- a. Volumes Owned.....
- b. Volumes of Bound Periodicals.....
- c. Periodical Subscriptions Rec'd... \_\_\_\_\_
- d. Physical Units of Microforms..... \_\_\_\_\_

TOTAL PRINT HOLDINGS

2. NON-PRINT & ADDITIONAL LIBRARY MATERIALS

a. Audiovisual

- 1. Audio Recordings.....
- 2. Films 8mm.....
- 3. Films 16mm.....
- 4. Filmstrips.....
- 5. Slide Sets.....
- 6. Videotapes.....
- 7. Multi-media Kits.....

TOTAL NON-PRINT  
HOLDINGS

b. Additional Library Materials

- 1. Art Prints.....
- 2. Other.....

B. CIRCULATION

1. PRINT MATERIALS

- a. Direct Circulation to Users.....
- b. Circulation from other Libraries to Users (ILL)...
- c. Circulation to other Libraries (ILL).....

TOTAL PRINT  
CIRCULATION

2. NON-PRINT & ADDITIONAL LIBRARY MATERIALS

a. Audiovisual

- 1. Audio recordings.....
- 2. Films 8mm.....
- 3. Films 16mm.....
- 4. Filmstrips.....
- 5. Slide Sets.....
- 6. Videotapes.....
- 7. Multi-media Kits.....

TOTAL NON-PRINT  
CIRCULATION

b. Additional Library Materials

- 1. Art Prints.....
- 2. Other.....



- A. Library Income from Federal Sources: (see p. 4 of the instructions)  
Exclude monies received from Federal Revenue Sharing and LSCA.

FEDERAL Program or Grant Name	Estimated Income	Capital	Operating
CETA Yes _____			
Other, specify: _____			
Other, specify: _____			

☐ Check here if the library did not receive a federal grant as defined by this question.

- B. Library Income from State Sources or Combined State/Federal Sources: (see p. 5 of instructions)  
Exclude monies from the Library Incentive Grant Program and Regional or Subregional Reimbursements.

STATE Program or Grant Name	Estimated Income	Capital	Operating
MA Council on the Arts & Humanities			
Other, specify: _____			
Other, specify: _____			

☐ Check here if the library did not receive a state or combined state/federal grant as defined by this question.

Impact of Implementing Proposition 2 1/2

1. Does the main library have any branches? \_\_\_\_N \_\_\_\_Y; If yes, please complete the following:

Branch Name	Housed in	Open/Closed in FY82

2. Does the library charge a fee for any of its services? \_\_\_\_No \_\_\_\_Yes; If yes, complete the following chart:

SERVICE	PRE 2 1/2 FEE SCHEDULE	POST 2 1/2 FEE SCHEDULE

3. Was the library's FY81 Total Appropriated Municipal Income as reported at year's end on p. 2, Box A1 less than originally budgeted at the beginning of the year? \_\_\_\_N \_\_\_\_Y  
If yes, what was the amount of the reduction? \_\_\_\_\_.  
If yes, check the reason for the reduction: \_\_\_\_reduced excise tax revenues \_\_\_\_other, specify \_\_\_\_\_.  
4. The library's FY82 Total Appropriated Municipal Income budgeted for July 1, 1981 - June 30, 1982 is \$\_\_\_\_\_.

INSTRUCTIONS - STATISTICS OF PUBLIC LIBRARIES FORM, FISCAL YEAR 1981

READ THESE INSTRUCTIONS BEFORE COMPLETING THE FORM. A <sup>o</sup> indicates new or substantially revised instruction. However, please review all the instructions since revisions were made throughout and some may be especially relevant to your library. If the instructions are unclear or if they do not address a particular situation existing in your library, please call the Planning and Research staff at 1-800-952-7403 or 267-9400.

PAGE ONE - Enter the name of the library and municipality at the top of the page and, at the bottom of the page give the inclusive dates of the library's fiscal year only if it differs from July 1 through June 30.

PAGE TWO - PART I INCOME AND EXPENDITURES (report in whole dollars, do not include cents)

<sup>o</sup> A. Total Annual Operating Income: Please Note: In section A, do not report income applied toward capital expenditures and, with the exception of revenue sharing monies do not report income from federal sources.

A. 1a-d. Appropriated Municipal Income: Report public funds actually appropriated to the library for operating expenditures. Do not include income applied toward capital expenditures.

<sup>o</sup> Municipal Appropriation (item a) - Report appropriated municipal income excluding income from the Library Incentive Grant, Dog Tax Fund and Federal Revenue Sharing. Report the latter 3 amounts separately, if they were made available by the municipality directly to the library or indirectly as a reimbursement to the library's appropriated municipal income.

Total items "a" through "d" to obtain TOTAL APPROPRIATED MUNICIPAL INCOME.

Regional and Subregional Contracting Libraries Please Note: The amount of state funds received as reimbursements for providing regional and subregional services should be reported only once on this form, under item A2c, Other Income, Regional and Subregional Reimbursements. Please do not report the expenditure of such funds anywhere on this form.

A. 2a-c. Other Income:

<sup>o</sup> Endowments, Trusts, & Gifts (item a) - Do not report the principal of endowments or trusts, or additions to the principal. Likewise, do not report the value of donated property. Report monetary gifts, grant monies received from local organizations (such as the Historical Society, Lions Club, etc.), proceeds from fund raising projects such as book sales or consignment shops, and interest or other income from endowments or trusts made available to the library for its operating expenses.

Fines and Fees (item b) - Report revenue from fines and fees only if made available by the municipality for the library's operating expenses.

Add these two items to TOTAL APPROPRIATED MUNICIPAL INCOME to obtain TOTAL ANNUAL OPERATING INCOME.

Regional and Subregional Reimbursements (item c) - see above note.

B. Total Annual Operating Expenditures: Please Note: Report the expenditure of income received from local sources, the library incentive grant, and federal revenue sharing (items A1a-d and A2a-b). With the exception of federal revenue sharing monies and the library incentive grant, do not report the expenditure of federal or state grant monies. Likewise, do not report capital expenditures here.

B. 1 Salaries:

Report the total salaries paid all staff (full-time, part-time, seasonal, substitute, hourly etc.) holding positions routinely included in the library budget year after year.

Exclude: - salaries which are part of contracted services, such as contracted maintenance service  
- salaries paid with federal monies other than federal revenue sharing funds  
- salaries paid by other municipal departments.

B. 2a1-4. Library Materials - Print Materials:

Books (item 1) - Report the amount expended for books, and other printed materials catalogued or made ready for use (processed) in the same manner as books.

Periodicals (item 2)  
Microforms (item 3)  
Binding/Rebinding (item 4)

Report the amounts expended for these items separately from Books

Total items "1" through "4" to obtain the TOTAL expended for Print Materials.

B. 2b1-3. Library Materials - Non-Print and Additional Materials:

Audio Recordings (item 1) - Report the amount expended for disc, reel to reel tape, and cassette audio recordings.

Films (item 2) - Report the amount expended for 8 and 16 mm films if they are part of the library's permanent collection.

Other Non-print & Additional Library Materials (item 3) - Report the amount expended for other AV materials (which require the use of special equipment to be seen or heard) and for additional non-book library materials (which do not require the use of special equipment to be seen or heard, e.g.: maps, art prints, globes, vertical file material, and games).

Total these three items to obtain the TOTAL expended for Non-Print and Additional Materials.

Add the TOTAL expended for Print Materials to the TOTAL expended for Non-Print and Additional Materials to obtain TOTAL MATERIALS EXPENDITURES.

- B. 3 Other Operating Expenditures: Report operating expenditures for all purposes other than salaries and materials. For example, maintenance of plant, heating, electricity, telephone, equipment rentals, contracted services (such as maintenance service), supplies, postage, fees for speakers and film rentals, etc.

Add OTHER OPERATING EXPENDITURES to TOTAL SALARY EXPENDITURES and TOTAL MATERIALS EXPENDITURES to obtain TOTAL OPERATING EXPENDITURES.

- o C. 1-2. Total Capital Expenditures: Please Note: Any monies reported in section C should not be reported in sections A or B. Report separately by income source ("municipal appropriation" or "other") expenditures defined by your Board or municipality as capital expenditures. Examples of sources of "other" income for capital expenditures include: gifts, friends of the library, revenue sharing, interest from endowments or trusts. Do not report here federal or state grant monies used for capital expenditures unless such monies were federal revenue sharing funds or from the library incentive grant.

To obtain TOTAL CAPITAL EXPENDITURES total items "1" and "2".

## PAGE THREE - PART II HOLDINGS AND CIRCULATION

### A. 1 HOLDINGS: PRINT MATERIALS

- A. 1a-d. Volumes Owned: Count one for each volume (i.e. physical unit, either hard or soft bound) owned by the library in it's catalogued collection of books and related printed materials catalogued or processed in the same manner as books. This is the only figure that should be entered on line and in box A1a, TOTAL PRINT HOLDINGS. Please Note: Because of staff shortages, the Planning and Research Unit will discontinue its previous practice of notifying respondents when data is corrected during the editing of this question.

Volumes of Bound Periodicals: Count according to the method used in your library, the number of volumes of hard bound periodicals owned by the library. Next to the figure, place a P, B or T to show how the count was done. P = counted by physical unit; B = by bibliographic volume, and T = by title. Report "0" if the library does not own any volumes of bound periodicals.

Periodical Subscriptions Received: Count one for each title, excluding duplicate subscriptions.

- o Physical Units of Microforms: Count one for each roll of microfilm or each card of microfiche.

### A. 2 HOLDINGS: NON-PRINT & ADDITIONAL LIBRARY MATERIALS

- A. 2a-b. Audiovisual: For each of the media listed, count materials separately by title, including one for each titled part of a series. Total items A.2a.1-7 to obtain TOTAL NON-PRINT HOLDINGS.

Audio recordings: Include discs, reel to reel tapes, and cassettes

Filmstrips and Slide Sets: Include sound and silent



Video tapes: Include permanent reel to reel tapes and cassettes, either commercially or non-commercially produced. Exclude blank tapes

Multi-Media Kits: A variety of media formats (usually a minimum of 3) gathered and integrated into a unit such that the varied components overlap and reinforce the value of each other. Count one for each kit title.

o Additional Library Materials: Include materials not listed individually such as globes, games, puzzles, toys, realia, maps, vertical file material, etc. Count one for each drawer of vertical file material; for all other items count or estimate one for each title.

B. 1 CIRCULATION: PRINT MATERIALS

B. 1a-c. Direct Circulation to Users: Count one for each book or issue of a periodical lent from the collection to users, and one for each renewal, including circulation from bookmobiles operated by the library. Circulation of materials owned by the regional public library system should also be included in this count.

Circulation from Other Libraries to Users (ILL): Count one for each book or issue of a periodical received from another library's collection and circulated to users, and one for each renewal. This figure should reflect the interlibrary loans received by the library.

Circulation To Other Libraries (ILL): Count one for each book or issue of a periodical loaned to another library, and one for each renewal.

B. 2 CIRCULATION: NON-PRINT & ADDITIONAL LIBRARY MATERIALS

B. 2a-b. Audiovisual and Additional Library Materials: Count one for each title lent from the library's own collection, or received from the regional public library system or from another library's collection and lent to users or another library, and one for each renewal. Total only items B.2a.1-7 to obtain TOTAL NON-PRINT CIRCULATION.

PAGE FOUR

A. Library Income from Federal Sources:

Report any federal grant other than Federal Revenue Sharing and LSCA (Library Services & Construction Act) under which the library received monies (or funded positions as in the case of some CETA grants) between July 1, 1980 and June 30, 1981. Please report:

-the name of the grant program if it is not already supplied.

-an estimate of the total grant income received (or in the case of some CETA grants where the grant amount is not available, check yes to indicate monies and/or funded positions were received).

-an estimate of the grant amount budgeted for capital and/or operating expenditures.

Check the box provided if the library did not receive a federal grant as defined by this question.

B. Library Income from State or Combined State/Federal Sources:

Report any state grant other than the library incentive grant and regional or subregional reimbursements under which the library received monies between July 1, 1980 and June 30, 1981. Also report any grants which may have been a combination of state and federal monies. Please report the same type of data as requested in A above.

Impact of Implementing Proposition 2 1/2

- o 1. A branch library is an auxiliary library with separate quarters from the main library, a permanent basic collection of books, a permanent staff, a regular schedule, and under the administration of the main library (Small Libraries Project, 1969). A branch library usually provides circulation, reference, and programming services. Do not include store front or deposit collections. If needed, please use a separate sheet to answer this question.

For each branch, please give the name of the branch, the type of facility in which it is housed, and indicate by "Open" or "Closed" whether you expect the branch will be operating between July 1, 1981 and June 30, 1982. If the branch will be open, but in different circumstances than last year, please indicate. For example:

Branch Name	Housed in	Open/Closed in FY82
North	separate building	open with reduced staff
South	a school building	open with reduced hours, staff & no programming service
West	community center	open, no change from last year

- o 2. List each service for which the library charges a fee and give the fee schedule in effect prior to the implementation of proposition 2 1/2 and in effect after the implementation of 2 1/2. Leave the PRE 2 1/2 FEE SCHEDULE column blank when no fee existed for the service prior to the implementation of proposition 2 1/2. Examples of some services for which a library might charge include: reserving materials, loaning audiovisual equipment or framed prints, issuing out-of-state borrowers cards, reissuing lost borrowers cards, using the meeting room, or specialized reference or data base searching.

Following is a hypothetical response to this question:

SERVICE	PRE 2 1/2 FEE SCHEDULE	POST 2 1/2 FEE SCHEDULE
overdue fines	\$.10 per day	\$.10 per day
museum passes		\$1.00 per use
geneological research	\$3.00 per hour	\$5.00 per hour
meeting room-use of kitchenette		\$3.00 per hour
photocopy machine	\$.10 per copy	\$.10 per copy

- o 3&4. Total appropriated municipal income includes: municipal appropriation, the library incentive grant, dog tax revenues and revenue sharing monies. Question 3 refers to FY81 and question 4 to FY82 (July 1, 1981 - June 30, 1982). In question 3, an example of another reason, in addition to reduced excise tax revenues, that a library's FY81 total appropriated municipal income may have been reduced was the unavailability of expected dog tax revenues as happened in Worcester County.

If you have any questions, please call the Planning and Research unit staff at 1-800-952-7403 or 267-9400.



## Municipal Index to Population Groups

<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>
ABINGTON	IV	BARRE	II	BREWSTER	II
ACTON	IV	BECKET	I	BRIDGEWATER	IV
ACUSHNET	III	BEDFORD	IV	BRIMFIELD	II
ADAMS	IV	BELCHERTOWN	III	BROCKTON	VI
AGAWAM	IV	BELLINGHAM	IV	BROOKFIELD	II
ALFORD	I	BELMONT	V	BROOKLINE	VI
AMESBURY	IV	BERKLEY	II	BUCKLAND	I
AMHERST	IV	BERLIN	II	BURLINGTON	IV
ANDOVER	V	BERNARDSTON	I	CAMBRIDGE	VII
ARLINGTON	VI	BEVERLY	V	CANTON	IV
ASHBURNHAM	II	BILLERICA	V	CARLISLE	II
ASHBY	II	BLACKSTONE	III	CARVER	II
ASHFIELD	I	BLANDFORD	I	CHARLEMONT	I
ASHLAND	III	BOLTON	II	CHARLTON	III
ATHOL	IV	BOSTON	VII	CHATHAM	III
ATTLEBORO	V	BOURNE	IV	CHELMSFORD	V
AUBURN	IV	BOXBOROUGH	II	CHELSEA	V
AVON	III	BOXFORD	II	CHESHIRE	II
AYER	III	BOYLSTON	II	CHESTER	I
BARNSTABLE	V	BRAINTREE	V	CHESTERFIELD	I

<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>
CHICOPEE	VI	DUNSTABLE	I	FRANKLIN	IV
CHILMARK	I	DUXBURY	IV	FREETOWN	III
CLARKSBURG	I	EAST BRIDGEWATER	III	GARDNER	IV
CLINTON	IV	EAST BROOKFIELD	I	GAY HEAD	I
COHASSET	III	EAST LONGMEADOW	IV	GEORGETOWN	III
COLRAIN	I	EASTHAM	II	GILL	I
CONCORD	IV	EASTHAMPTON	IV	GLOUCESTER	V
CONWAY	I	EASTON	IV	GOSHEN	I
CUMMINGTON	I	EDGARTOWN	II	GOSNOLD	I
DALTON	III	EGREMONT	I	GRAFTON	IV
DANVERS	V	ERVING	I	GRANBY	III
DARTMOUTH	IV	ESSEX	II	GRANVILLE	I
DEDHAM	V	EVERETT	V	GREAT BARRINGTON	III
DEERFIELD	II	FAIRHAVEN	IV	GREENFIELD	IV
DENNIS	III	FALL RIVER	VII	GROTON	III
DIGHTON	III	FALMOUTH	IV	GROVELAND	III
DOUGLAS	II	FITCHBURG	V	HADLEY	II
DOVER	II	FLORIDA	I	HALIFAX	II
DRACUT	IV	FOXBOROUGH	IV	HAMILTON	III
DUDLEY	III	FRAMINGHAM	VI	HAMPDEN	II

<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>
HANCOCK	I	HULL	IV	LUNENBURG	III
HANOVER	IV	HUNTINGTON	I	LYNN	VI
HANSON	III	IPSWICH	IV	LYNNFIELD	IV
HARDWICK	II	KINGSTON	III	MALDEN	VI
HARVARD	II	LAKEVILLE	III	MANCHESTER	III
HARWICH	III	LANCASTER	III	MANSFIELD	IV
HATFIELD	II	LANESBOROUGH	II	MARBLEHEAD	IV
HAVERHILL	V	LAWRENCE	VI	MARION	II
HEATH	I	LEE	III	MARLBOROUGH	V
HINGHAM	IV	LEICESTER	III	MARSHFIELD	IV
HINSDALE	I	LENOX	III	MASHPEE	II
HOLBROOK	IV	LEOMINSTER	V	MATTAPOISETT	III
HOLDEN	IV	LEVERETT	I	MAYNARD	III
HOLLAND	I	LEXINGTON	V	MEDFIELD	IV
HOLLISTON	IV	LEYDEN	I	MEDFORD	VI
HOLYOKE	V	LINCOLN	III	MEDWAY	III
HOPEDALE	II	LITTLETON	III	MELROSE	V
HOPKINTON	III	LONGMEADOW	IV	MENDON	II
HUBBARDSTON	I	LOWELL	VI	MERRIMAC	II
HUDSON	IV	LUDLOW	IV	METHUEN	V

<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>
MIDDLEBOROUGH	IV	NEW MARLBOROUGH	I	ORANGE	III
MIDDLEFIELD	I	NEW SALEM	I	ORLEANS	II
MIDDLETON	II	NEWBURY	II	OTIS	I
MILFORD	IV	NEWBURYPORT	IV	OXFORD	IV
MILLBURY	IV	NEWTON	VI	PALMER	IV
MILLIS	III	NORFOLK	III	PAXTON	II
MILLVILLE	I	NORTH ADAMS	IV	PEABODY	V
MILTON	V	NORTH ANDOVER	IV	PELHAM	I
MONROE	I	NORTH ATTLEBORO	IV	PEMBROKE	IV
MONSON	III	NORTH BROOKFIELD	II	PEPPERELL	III
MONTAGUE	III	NORTH READING	IV	PERU	I
MONTEREY	I	NORTHAMPTON	V	PETERSHAM	I
MONTGOMERY	I	NORTHBOROUGH	IV	PHILLIPSTON	I
MT. WASHINGTON	I	NORTHBRIDGE	IV	PITTSFIELD	VI
NAHANT	II	NORTHFIELD	II	PLAINFIELD	I
NANTUCKET	III	NORTON	III	PLAINVILLE	III
NATICK	V	NORWELL	III	PLYMOUTH	V
NEEDHAM	V	NORWOOD	V	PLYMPTON	I
NEW BEDFORD	VII	OAK BLUFFS	I	PRINCETON	II
NEW BRAINTREE	I	OAKHAM	I	PROVINCETOWN	II

<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>
QUINCY	VI	SAVOY	I	STOCKBRIDGE	II
RANDOLPH	V	SCITUATE	IV	STONEHAM	IV
RAYNHAM	III	SEEKONK	IV	STOUGHTON	V
READING	IV	SHARON	IV	STOW	II
REHOBOTH	III	SHEFFIELD	II	STURBRIDGE	III
REVERE	V	SHELBURNE	I	SUDBURY	IV
RICHMOND	I	SHERBORN	II	SUNDERLAND	II
ROCHESTER	II	SHIRLEY	II	SUTTON	II
ROCKLAND	IV	SHREWSBURY	IV	SWAMPSCOTT	IV
ROCKPORT	III	SHUTESBURY	I	SWANSEA	IV
ROWE	I	SOMERSET	IV	TAUNTON	V
ROWLEY	II	SOMERVILLE	VI	TEMPLETON	III
ROYALSTON	I	SOUTH HADLEY	IV	TEWKSBURY	IV
RUSSELL	I	SOUTHAMPTON	II	TISBURY	II
RUTLAND	II	SOUTHBOROUGH	III	TOLLAND	I
SALEM	V	SOUTHBRIDGE	IV	TOPSFIELD	III
SALISBURY	II	SOUTHWICK	III	TOWNSEND	III
SANDISFIELD	I	SPENCER	III	TRURO	I
SANDWICH	III	SPRINGFIELD	VII	TYNGSBORO	II
SAUGUS	IV	STERLING	II	TYRINGHAM	I



<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>
UPTON	II	WEST NEWBURY	II	WINCHESTER	IV
UXBRIDGE	III	WEST SPRINGFIELD	V	WINDSOR	I
WAKEFIELD	V	WEST STOCKBRIDGE	I	WINTHROP	IV
WALES	I	WEST TISBURY	I	WOBURN	V
WALPOLE	IV	WESTBOROUGH	IV	WORCESTER	VII
WALTHAM	VI	WESTFIELD	V	WORTHINGTON	I
WARE	III	WESTFORD	IV	WRENTHAM	III
WAREHAM	IV	WESTHAMPTON	I	YARMOUTH	IV
WARREN	II	WESTMINSTER	II		
WARWICK	I	WESTON	IV		
WATERTOWN	V	WESTPORT	IV		
WAYLAND	IV	WESTWOOD	IV		
WEBSTER	IV	WEYMOUTH	VI		
WELLESLEY	V	WHATELY	I		
WELLFLEET	I	WHITMAN	IV		
WENDELL	I	WILBRAHAM	IV		
WENHAM	II	WILLIAMSBURG	II		
WEST BOYLSTON	III	WILLIAMSTOWN	III		
WEST BRIDGEWATER	III	WILMINGTON	IV		
WEST BROOKFIELD	II	WINCHENDON	III		







ASS. ED 22.3:982

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GOVERNMENT DOCUMENTS  
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APRIL 1983

MASSACHUSETTS BOARD OF LIBRARY COMMISSIONERS  
648 Beacon Street Boston, MA 02215

Comparative Public  
Library Report

**DATA FOR  
MASSACHUSETTS FY82**





# Massachusetts Board of Library Commissioners

648 Beacon Street, Boston, Massachusetts 02215

Memorandum                      June 10, 1983

To:                      Massachusetts Public Library Directors  
From:                  Mary Litterst    FPSD/Planning and Research Unit  
Subject:               1982 Comparative Public Library Report

New to the Comparative Report this year is the number of hours library service is typically available in a community, the number of hours in the work week, and the number of staff expressed in full-time equivalents. A new, flexible, automated database management system enabled us to respond to reader requests and include these items. Those and other data items are detailed in the Introduction.

The compilation and publishing schedule for the Data for Massachusetts series is being revised. The next issue of this report will be distributed sooner.

A form on the reverse of this memo requests your evaluation of the report. Your comments will be useful as we prepare the next report. Thank you.

To correct an error in the submitted data, please make the following changes in the report:

p.5    1982 Holdings    - change 25,803,364 to 25,683,364  
                              - change 4.56 to 4.54

81-82 Holdings    - change 0.0 to -0.22

80-82 Holdings    - change -1.30 to -1.73

p.17    Table H Holdings Per Capita 25,000-49,999

75th percentile    - change 5.21 to 5.09

90th percentile    - change 6.40 to 6.16

mean                    - change 4.24 to 4.18

p.38    Arlington, Holdings PC    - change 6.47 to 3.99

cc: State Library Development Agencies  
ALA Accredited Library Programs  
Collective Bargaining Representatives

# COMPARATIVE DATA - EVALUATION FORM

1. I am a \_\_\_\_\_ Director \_\_\_\_\_ Other Staff Member \_\_\_\_\_ Trustee \_\_\_\_\_ Other Individual concerned with a library in a municipality \_\_\_\_\_ of less than 5,000 population \_\_\_\_\_ of 5,000 or more population.

2. In the past three years have you used any data provided in the Comparative Public Library Report? \_\_\_\_\_ YES \_\_\_\_\_ NO (please go to question 4)

3. Please give some examples of how you have used the data.

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4. Please list additional data you would like the agency to gather and check the dissemination method most suited to your needs.

DATA ITEM

PUBLISH  
ANNUALLY LESS AVAILABLE  
ON REQUEST

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5. Please add any comments that might help us to improve this product.

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Please return to: Massachusetts Board of Library Commissioners  
Planning and Research  
648 Beacon Street  
Boston, MA 02215

APRIL 1983

MASSACHUSETTS BOARD OF LIBRARY COMMISSIONERS  
648 Beacon Street  
Boston, MA 02215

Comparative Public  
Library Report

# DATA FOR MASSACHUSETTS FY82

Printed with LSCA Title I funds

The activity which is the subject of this report was supported in part by the U.S. Department of Education. However, the opinions expressed herein do not necessarily reflect the position or policy of the U.S. Department of Education, and no official endorsement by the U.S. Department of Education should be inferred.

# Contents

Introduction.....	page 1
Statewide Data.....	5
Usage Notes.....	7

## Section One: Summary Tables

Table A	Total Operating Income Per Capita.....	13
Table B	Municipal Appropriation Per Capita.....	14
Table C	Total Operating Expenditures Per Capita.....	14
Table D	Salary Expenditures Per Capita.....	15
Table E	Salary Expenditures as Percent of Total Operating Expenditures.....	15
Table F	Materials Expenditures Per Capita.....	16
Table G	Materials Expenditures as Percent of Total Operating Expenditures.....	16
Table H	Holdings Per Capita.....	17
Table I	Circulation Per Capita.....	17

## Section Two: Data for Individual Municipalities

Population Group I	(0 - 1,999).....	20
Population Group II	(2,000 - 4,999).....	24
Population Group III	(5,000 - 9,999).....	28
Population Group IV	(10,000 - 24,999).....	32
Population Group V	(25,000 - 49,999).....	38
Population Group VI	(50,000 - 99,999).....	41
Population Group VII	(100,000 + ).....	43

## Section Three: Survey Instruments

FY83 Library Incentive Grant Application, Page 2 and Instructions.....	46
Annual Report Information Survey, Last Page and Instructions.....	53

Municipal Index to Population Groups.....	58
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# Introduction

This statistical report is designed to facilitate the comparison of FY82 support and activity levels among public libraries and, in combination with past issues, to contribute to longitudinal analysis undertaken by individual libraries. Using data reported on the FY83 Library Incentive Grant Application and the Annual Report Information Survey forms, indicators of library support and activity are identified and percentage and per capita figures are computed for each municipality.

With few exceptions, financial, collection, and hours open data are for the twelve month period ending June 30, 1982. Seventeen libraries reported holdings and/or circulation data for another period, most frequently, for calendar year 1981. The work week and full-time equivalents data are reported as of July 1, 1982.

A total of 319 or 92% of the 348 municipalities with public libraries reported financial and hours open data in time for inclusion in this report. A total of 327 or 94% of the municipalities supplied work week and staffing data. The three municipalities without public libraries are not listed in the report. They are Hawley, with a

population of 280 and population rank of 345; New Ashford, population of 159 and rank of 349; and Washington, population of 587 and rank of 336.

## ARRANGEMENT OF THE REPORT

The report is arranged in three sections: Summary Tables, Municipal Tables, and the survey forms. Statewide data for selected indicators follows the Introduction. The Usage Notes illustrating how the summary tables may be used and containing a formula for calculating undisplayed percentiles precedes Section I.

### Section One: Summary Tables

The summary tables display the mean (average), median, and the 10th, 25th, 75th, and 90th percentile values of nine indicators for population groups I through VI. However, because of the small number of municipalities in group VI, the percentiles should be considered estimates only.

Means, medians, and percentiles are superfluous for group VII, the three municipalities with populations in excess of 100,000. Data for these municipalities appear in the municipal tables only.



## Section Two: Municipal Tables

The municipal tables contain data for individual municipalities arranged in seven population groups based on the 1980 federal census as reported in March 1981. See the Index to determine in which population group a municipality is located.

The population ranks were assigned in descending order. The two municipalities with the same 1980 population were assigned the same rank. The next higher rank was omitted.

## INDICATORS OF LIBRARY SUPPORT & ACTIVITY

For municipalities with more than one library system receiving public funds, this report reflects the combined levels of library support and activity for all reporting libraries within that municipality.

The emphasis of the report is municipal data. Therefore, the state funds received by libraries that contract with the Board of Library Commissioners to provide regional services are omitted from the report.

Only two categories of federal and state funds have been included in the report. Libraries were asked to include federal revenue sharing and the Massachusetts Library Incentive Grant monies in their income and expenditure figures.

In addition to 1980 population, 1980 population rank, and regional

system affiliation (Central, Eastern, or Western), the following library data appear in this order in the municipal tables: Total Operating Income Per Capita; Municipal Appropriated Income Per Capita; Total Operating Expenditures Per Capita; Salary Expenditures Per Capita and as a Percent of Total Operating Expenditures; Materials Expenditures Per Capita and as a Percent of Total Operating Expenditures; Holdings Per Capita; Circulation Per Capita; Hours Open in the Winter and Summer; Hours in the Work Week; and Full-Time Equivalents of staff excluding CETA staff.

The Total Operating Income data is not comparable in terms of categories of income and access to the income. The income components depend on the municipality and the manner of reporting. For example, Total Operating Income may reflect all or some of the components of Municipal Appropriated Income plus other receipts, trust or endowment income, and/or, in a few cases, income from monetary gifts.

To retain comparability with previous years data, this report excludes the other receipts income category from Municipal Appropriated Income while retaining it in Total Operating Income.

The discretion with which trust and/or endowment income may be expended varies widely among libraries depending on the fund restrictions. For example, expenditures may be restricted to

materials on a relatively narrow topic as opposed to a broader subject area, such as books on landscaping as opposed to both print and non-print nonfiction materials. As a result, a library's operating income will appear inflated until materials complying with the fund requirements are available for selection.

Some libraries reported expenditures from their monetary gift income. For those libraries, gift income is included in Total Operating Income and the expenditures are reflected in Total Operating Expenditures.

Unlike previous reports, print and non-print data are combined in the Circulation and Holdings indicators. Also, due to improved data processing capabilities, each indicator's per capita figures are based on the respondents' raw data. For prior reports, per capitas for non-print were calculated on raw data rounded to the nearest 100, and for print, rounded to the nearest 1,000.

Due to increased data processing capabilities, we are finally able to respond to user requests and include Hours Open (Winter and Summer), Hours in the Work Week, and Full-Time Equivalents for staff (excluding CETA) in this report.

Hours Open, Winter and Summer, displays the number of hours in an average week the main library and its branches (if

any) were open without overlapping hours in FY82.

Hours in the Work Week appeared in the 1982 Public Library Personnel Report. However, with improved data processing techniques the length of the work week is more accurately displayed here to the nearest tenth. For larger libraries, this figure is the number of hours typically worked per week by a full-time employee. For smaller libraries with only part-time staff, the figure is the greatest number of hours worked in a typical week by a salaried staff member.

The full-time equivalents (FTEs) reflect paid staff, excluding CETA. For part-time staff, the FTEs are based on a 35 hour work week. Readers interested in FTEs including CETA staff should consult the 1982 Public Library Personnel Report.

The comparability of some of the statistics available in this report would be improved with more detailed knowledge of the components included in total operating expenditures. While such information is not consistently available for FY82 data, responses to a question on the FY78 Statistics of Public Libraries form indicated that the total operating expenditures for a number of libraries did not include such high cost items as building maintenance, heat, and utilities. This was confirmed by the FY80 Energy Expenditure and Conservation Survey. Readers wishing to review the FY78 data should consult the

March 1979 issue of Mediawrite, page 6 or, for both FY78 and 80 data, contact the Planning and Research Unit.

#### LIBRARY INCENTIVE GRANT PROGRAM

The compilation of data for this report may not necessarily correspond to the data used to determine compliance with minimum standards for the FY83 Library Incentive Grant Program.

#### STATEWIDE DATA

Data for selected financial and collection indicators are shown for the last three fiscal years with per capitas based on the population served by the libraries responding each year.

FTEs for CETA and non-CETA staff could not be completely distinguished for July 1, 1980 and 1981 data. For that reason, the statewide FTEs for July 1, 1980-82 include CETA whereas the July 1, 1982 FTEs displayed in the municipal tables exclude CETA staff.

#### PROPOSITION 2 1/2

The impact of the first full year of Proposition 2 1/2 on public library service should not be measured solely on the basis of the statewide data. Statewide data is an average and, while useful, does not measure the extent to which communities varied in their ability to provide library services.

For individual municipalities, the more

accurate measure is to compare the FY81 and FY82 per capita municipal appropriated income figures.

A brief survey requesting evaluation of the content and format accompanies the report. We hope you will take the time to complete it and thereby improve the usefulness of the report. The agency encourages and welcomes comments and suggestions from users of the report.

Mary Litterst  
Planning & Research Specialist

Lisa Keller  
Computer Programmer

Ann Desmond  
Planning & Research

Robert E. Dugan, Head  
Fiscal Planning & Systems Development

STATISTICS OF PUBLIC LIBRARIES STATEWIDE SUMMARY FOR SELECTED INDICATORS, FY 80-82

(per capita figures in parentheses)

FY <sup>a</sup>	No. of Reptg. Libs. <sup>b</sup>	No. of Reptg. Muns. <sup>b</sup>	Municipal Appropriated Income \$	Total Operating Income \$	Total Operating Expenditures \$	Salary Expenditures \$	Materials Expenditures \$	Holdings	Circulation	FTEs (with CETA)
1980	350	319	57,712,466 (10.35)	60,541,822 (10.86)	59,607,778 (10.69)	41,267,257 ( 7.40)	9,861,854 ( 1.77)	25,781,900 ( 4.62)	34,770,700 ( 6.24)	4051.3 <sup>c</sup>
1981	357	326	61,660,109 (10.90)	64,499,939 (11.40)	63,237,725 (11.18)	43,367,328 ( 7.67)	10,233,806 ( 1.81)	25,763,400 ( 4.55)	35,253,800 ( 6.23)	3369.9 <sup>d</sup>
1982	349	319	57,379,731 (10.22)	60,930,262 (10.85)	59,513,445 (10.60)	41,201,035 ( 7.34)	9,111,205 ( 1.62)	25,803,364 <sup>e</sup> ( 4.56)	32,996,215 <sup>f</sup> ( 5.92)	3393.0 <sup>e</sup>
80-81	% CHANGE IN PER CAPITA FIGURES		5.31	4.97	4.58	3.65	2.26	-1.30	-0.16	-16.82%
81-82			-6.24	-4.82	-5.19	-4.30	-10.50	0.0	-4.98	0.69%
80-82			-1.26	0.0	-0.84	-0.81	- 8.47	-1.30	-5.13	-16.13%

Per capita figures are based on the population (1980 U.S. census) of municipalities served by responding libraries.

FY80, population served by responding libraries = 5,575,404

FY81, population served by responding libraries = 5,656,698

FY82, population served by responding libraries for financial indicators = 5,615,381

for holdings data = 5,661,715

for circulation data = 5,569,297

a. Fiscal year applies to all indicators except FTEs which are reported as of July 1 of each year

b. Reporting financial data

c. FTE figure based on 348 libraries reporting from 319 municipalities

d. FTE figure based on 353 libraries reporting from 322 municipalities

e. Holdings and FTEs based on 357 libraries reporting from 327 municipalities

f. Circulation based on 356 libraries reporting from 326 municipalities



# Usage Notes

The statistical measures applied to each indicator of library support and activity in the Summary Tables are:

**The Mean** a measure of central tendency which is commonly termed the "average." It is derived by dividing the sum of all the values in any particular group of data by the number of values included in that total.

**Percentile Rank** describes the position of a value in its distribution, indicating the percent of cases in a distribution falling at or below the value of an indicator. For example, the library of a hypothetical municipality has a per capita operating expenditure of \$6.00 and a corresponding percentile rank of 25. This indicates that 25% of the municipalities in the population group have the same or smaller per capita operating expenditure than the sample library.

**The Median** the popular term for the 50th percentile; is equal to the value of an indicator at or below which 50% of the values fall. The value of the median differs from the value of the mean when the distribution of the values of an indicator is not regular, but rather skewed or piled at either end of the range. When there is considerable difference between the median and the mean, the median is generally thought of as being the more valid measure of central tendency.

As mentioned in the introduction, percentiles are not the most descriptive measures when the sample size is small such as in population group VI. This is especially evident in Tables E and G. In Table G, for example, 15% is displayed as the value of both the 75th and 90th percentiles. This is the result of a small sample (18) in combination with a small range of values (7) consisting of rounded whole numbers.

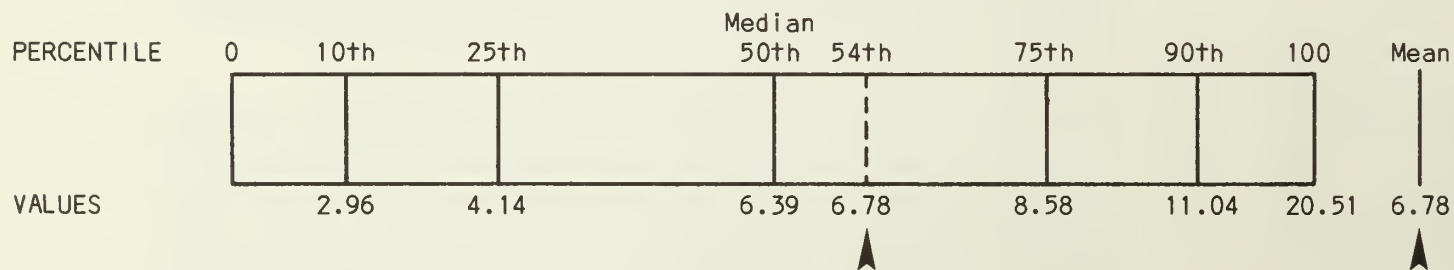


Constructed below are hypothetical library situations designed to illustrate how the Summary Tables may be used to compare your municipality with those in your population group or in other population groups.

**Example A:** In some instances, the value of an indicator may fall between the displayed values of a statistical measure, for example, between the median (50th percentile) and the 75th percentile.

For a library in a hypothetical municipality in the 10,000 to 24,999 population group (group IV), salary expenditures are equal to \$6.78 per capita.

From Summary Table D, we see that 6.78 falls between the values of the median (6.39) and the 75th percentile (8.58). We can estimate that for the library in our hypothetical municipality, salary expenditures per capita are equal to or greater than 54% of the municipalities reporting in this population group.



Undisplayed percentile ranks may be calculated by the shorthand interpolation procedure used to compute the 54th percentile in Example A. This was done by:

- a - Finding the difference between the displayed values falling above (8.58) and below (6.39) our hypothetical value (6.78). The difference is 2.19 salary expenditures dollars per capita.
- b - Finding the difference between our hypothetical value (6.78) and the displayed value falling below it (6.39). The difference is .39 salary expenditures dollars per capita.
- c - Determining the ratio of the latter total to the former (.39 divided by 2.19), which equals .178.
- d - Finding the difference between the displayed percentiles corresponding to the displayed values falling above and below our hypothetical value (6.78). In our example, the difference between the corresponding percentiles (75th and median/50th) is 25 percentile units.
- e - Interpolating the ratio from the values line to the difference between the displayed percentiles. In our example, the ratio is .178 (see c above) and the difference between the percentiles is 25 (see d above).  $.178 \times 25 = 4.45$  percentile units.
- f - Adding the interpolated percentile units to the displayed percentile falling below our hypothetical value to arrive at the estimated percentile rank of our hypothetical library. In our example,  $4.45 + 50 = 54.45 = 54\text{th percentile}$ .

It should be noted that this procedure assumes that the size of the intervals between values is constant throughout the distribution. Quite often there is slight variability in their size, so that ranks computed by this method must be considered estimates.

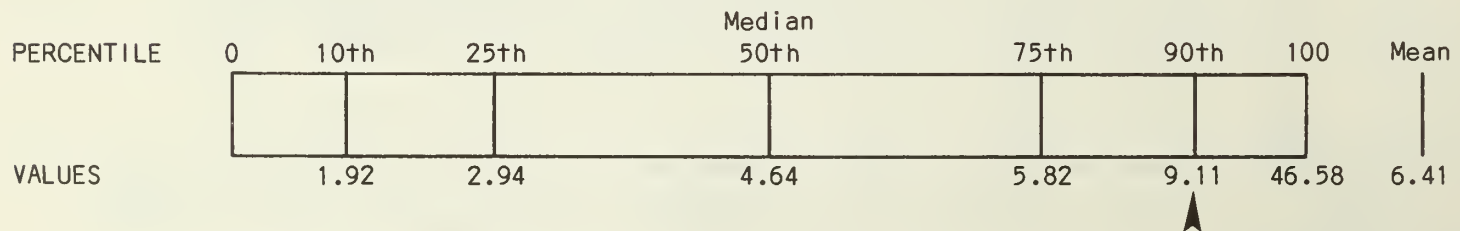
For each indicator it is most useful to review the results of the statistical measures in conjunction with one another.

Another look at Summary Table D indicates that the hypothetical library mentioned in Example A has a salary expenditures per capita figure equal to the mean figure (6.78) of the population group.

Therefore, while we may say that salary expenditures per capita are equal to the "average" for this population group, it remains true that for our hypothetical municipality, per capita salary expenditures are greater than or equal to 54% of the reporting municipalities in this population group.

**Example B:** In some cases, percentile values may be used effectively to qualify the minimal information provided by the range of values for an indicator and population group. For example, a library in a hypothetical municipality in the 0 to 1,999 population group (group 1) could have a municipal appropriation of \$9.11 per capita.

From Summary Table B, we see that 9.11 equals the value of the 90th percentile and falls approximately one fifth of the way between the range of municipal appropriations per capita (.46 through 46.58) of all reporting libraries in this population group.



We may say, therefore, that even though the hypothetical library's municipal appropriation per capita is only about one fifth as much as that of the library with the highest value in the population group (\$46.58), it still has a municipal appropriation per capita greater than or equal to that of 90% of the libraries in this population group.

Readers need not restrict themselves to comparisons within the seven population groups used for this report. For libraries serving populations in the upper and lower ends of these groups, it may be more useful to construct groupings from the Municipal Tables containing libraries serving more similarly sized populations. State rank may be used to select municipalities of similar size population.

Likewise, readers need not restrict themselves to using population served as the basis of comparison among libraries. Any indicator in the report may be used to group similar libraries and to form the basis of comparison among them. From the Municipal Tables, a reader may identify municipalities having similar values for one or more of the support and activity indicators and thereby establish a group of similar libraries, regardless of population served.



# Section One: Summary Tables

TABLE A - TOTAL ANNUAL OPERATING INCOME PER CAPITA (\$)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1982

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
0 - 1,999	56	0.46 - 47.71	2.54	3.44	5.27	7.67	10.14	7.37
2,000 - 4,999	48	1.55 - 22.11	3.15	5.32	7.40	12.24	14.49	8.93
5,000 - 9,999	67	1.15 - 25.52	3.18	4.92	8.06	10.83	13.18	8.43
10,000 - 24,999	87	1.82 - 30.93	5.08	6.36	9.53	13.24	16.75	10.32
25,000 - 49,999	40	2.84 - 25.87	5.48	8.22	10.23	13.45	17.03	11.51
50,000 - 99,999	18	4.65 - 21.59	4.72	6.91	8.35	10.21	12.71	9.29



TABLE B - MUNICIPAL APPROPRIATION PER CAPITA (\$)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1982

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
0 - 1,999	56	0.46 - 46.58	1.92	2.94	4.64	5.82	9.11	6.41
2,000 - 4,999	48	1.40 - 21.57	3.12	4.45	7.11	11.47	13.70	8.13
5,000 - 9,999	67	1.03 - 25.52	3.02	4.62	7.49	9.95	12.39	7.84
10,000 - 24,999	87	1.10 - 22.86	4.49	5.89	9.21	13.15	15.68	9.75
25,000 - 49,999	40	0.94 - 25.87	5.48	7.10	9.51	12.27	16.87	10.64
50,000 - 99,999	18	4.54 - 20.92	4.55	6.37	8.09	9.61	12.58	8.96

TABLE C - TOTAL OPERATING EXPENDITURES PER CAPITA (\$)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1982

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
0 - 1,999	56	0.25 - 46.40	2.37	3.31	5.25	7.67	10.14	7.03
2,000 - 4,999	48	1.51 - 22.11	2.93	5.08	7.21	12.21	14.35	8.70
5,000 - 9,999	67	1.13 - 25.43	3.11	4.85	7.83	10.08	12.89	8.13
10,000 - 24,999	87	1.80 - 29.76	4.89	6.22	9.29	13.00	16.20	10.08
25,000 - 49,999	40	2.84 - 25.87	5.48	7.77	9.97	13.36	16.52	11.21
50,000 - 99,999	18	4.43 - 21.28	4.53	6.65	8.23	10.22	12.70	9.15

TABLE D - SALARY EXPENDITURES PER CAPITA (\$)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1982

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
0 - 1,999	56	0.00 - 20.18	0.27	1.24	2.07	3.75	5.63	3.25
2,000 - 4,999	48	0.65 - 13.76	1.19	2.58	3.82	6.90	8.70	4.88
5,000 - 9,999	67	0.70 - 17.04	1.73	2.90	4.86	6.20	7.99	5.06
10,000 - 24,999	87	0.78 - 20.51	2.96	4.14	6.39	8.58	11.04	6.78
25,000 - 49,999	40	2.06 - 16.95	3.84	4.98	6.94	9.08	12.36	7.66
50,000 - 99,999	18	3.27 - 14.92	3.54	4.90	6.38	7.91	10.10	6.86

TABLE E - SALARY EXPENDITURES AS PERCENT (%) OF TOTAL OPERATING EXPENDITURES

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1982

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
0 - 1,999	56	0 - 78	14	35	44	60	63	43
2,000 - 4,999	48	33 - 75	39	47	56	61	70	55
5,000 - 9,999	67	48 - 77	54	56	61	66	70	62
10,000 - 24,999	87	28 - 81	55	63	68	71	76	66
25,000 - 49,999	40	52 - 76	56	65	70	73	74	68
50,000 - 99,999	18	60 - 86	65	72	75	80	82	75

TABLE F - MATERIALS EXPENDITURES PER CAPITA (\$)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1982

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
0 - 1,999	56	0.06 - 17.30	0.65	0.97	1.59	2.28	3.21	2.18
2,000 - 4,999	48	0.28 - 4.84	0.71	1.19	1.83	2.84	3.74	2.09
5,000 - 9,999	67	0.14 - 4.76	0.63	1.16	1.83	2.22	2.77	1.79
10,000 - 24,999	87	0.59 - 4.05	0.88	1.23	1.73	2.45	3.32	1.88
25,000 - 49,999	40	0.39 - 4.17	0.80	1.25	1.67	2.14	2.80	1.78
50,000 - 99,999	18	0.49 - 3.18	0.59	0.83	1.00	1.28	1.63	1.20

TABLE G - MATERIALS EXPENDITURES AS PERCENT (%) OF TOTAL OPERATING EXPENDITURES

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1982

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
0 - 1,999	56	12 - 81	20	21	28	37	60	33
2,000 - 4,999	48	17 - 34	20	21	23	25	30	24
5,000 - 9,999	67	8 - 39	18	19	21	24	28	22
10,000 - 24,999	87	10 - 42	15	17	19	21	24	19
25,000 - 49,999	40	12 - 23	13	14	15	18	21	16
50,000 - 99,999	18	10 - 16	10	12	13	15	15	13

TABLE H - TOTAL HOLDINGS PER CAPITA

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1982

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
0 - 1,999	57	2.54 - 44.95	3.71	5.45	8.15	11.44	24.70	11.16
2,000 - 4,999	51	1.89 - 26.88	2.59	4.28	5.84	7.39	10.14	6.90
5,000 - 9,999	70	1.13 - 9.63	2.17	3.05	4.12	5.49	6.79	4.43
10,000 - 24,999	88	1.18 - 12.82	2.24	2.83	3.44	4.63	5.77	3.93
25,000 - 49,999	40	1.28 - 12.08	1.84	2.91	3.96	5.21	6.40	4.24
50,000 - 99,999	18	1.89 - 6.61	1.95	2.58	3.32	3.87	4.33	3.41

TABLE I - TOTAL CIRCULATION PER CAPITA

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1982

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
0 - 1,999	57	2.43 - 51.61	2.78	3.94	6.52	10.39	13.46	8.47
2,000 - 4,999	51	1.23 - 25.66	2.29	4.31	5.79	10.30	14.22	7.69
5,000 - 9,999	70	1.20 - 17.38	2.50	4.07	6.14	8.57	11.63	6.58
10,000 - 24,999	88	1.59 - 16.83	3.14	5.05	7.08	9.39	12.39	7.41
25,000 - 49,999	40	1.11 - 16.25	2.34	4.78	6.39	7.96	11.29	6.88
50,000 - 99,999	17	1.47 - 8.89	2.05	3.06	4.28	5.94	8.26	4.77



## Section Two: Data for Individual Municipalities

Population Group I  
(0-1,999)



## POPULATION GROUP I (0 - 1,999)

MUNICIPALITY	'80 POP	POP RNK	RG AF	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP \$ TOT EXP	MATERLS \$ PER CAP	EXP \$ TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
1. ALFORD	394	341	W	0.46	0.46	0.25	0.13	50	0.06	25	2.54	2.54	1	1	4	0.1
2. ASHFIELD	1,458	297	W	8.56	3.94	8.47	4.20	50	1.92	23	7.55	10.44	15	15	20	0.8
3. BECKET	1,339	299	W	4.96	3.17	4.96	0.00	0	1.01	20	25.52	7.08	11.5	13.5	0.0	0.0
4. BERNARDSTON	1,750	287	W													
5. BLANDFORD	1,038	313	W	7.37	6.30	7.37	3.69	50	1.87	25	8.72	16.66	21	21	21	0.6
6. BUCKLAND	1,864	284	W	3.48	2.27	3.48	1.51	44	0.81	23	6.87	5.55	27.5	27.5	13	0.4
7. CHARLEMONT	1,149	308	W	2.98	2.39	2.95	2.29	78	0.60	20	9.57	4.63	15	15	15	0.4
8. CHESTER	1,123	310	W	6.67	4.64	6.67	4.16	62	1.59	24	8.74	3.84	15	15	20	0.6
9. CHESTERFIELD	1,000	316	W	6.09	5.85	5.85	3.51	60	1.69	29	8.06	11.46	15	15	15	0.4
10. CHILMARK	489	338	E	43.75	39.37	39.78	18.83	47	13.89	35	44.95	51.61	21	23	21	1.3
11. CLARKSBURG	1,871	283	W	1.36	1.36	1.36	0.16	12	1.07	78	4.70	6.09	14	3	16	0.6
12. COLRAIN	1,552	294	W	7.36	5.68	5.68	2.01	35	1.18	21	5.52	3.25	15	15	15	0.5
13. CONWAY	1,213	304	W								11.26	13.92			15	0.9
14. CUMMINGTON	657	328	W	5.25	5.25	5.25	0.01	0	1.87	36	13.83	8.44	10	10	10	0.3
15. DUNSTABLE	1,671	290	E	3.70	3.70	3.70	2.07	56	1.59	43	10.58	3.12	10	10	7	0.7
16. EAST BROOKFIELD	1,955	282	C	5.80	5.80	5.42	4.01	74	1.16	21	5.12	9.72	30	30	30	0.9
17. EGREMONT	1,311	301	W	2.94	2.94	2.94	1.87	64	0.99	34	5.43	4.26	14	14	14	0.4
18. ERVING	1,326	300	W	4.11	4.11	4.11	1.61	39	2.42	59	8.89	9.70	10	8	6	0.3
19. FLORIDA	730	323	W	3.42	3.42	3.42	0.48	14	2.77	81	9.67	13.22	12	2	12	0.3
20. GAY HEAD	220	347	E	12.22	12.22	12.22	7.72	63	3.38	28	31.52	5.91	10.5	9	5	0.1
21. GILL	1,259	303	W													
22. GOSHEN	651	329	W	6.42	4.12	6.42	2.68	42	2.46	38	9.37	11.21	10	10	10	0.3
23. GOSNOLD	63	351	E													
24. GRANVILLE	1,204	305	W	8.77	8.16	8.05	2.85	35	2.31	29	7.87	5.65	14	11	10	0.4
25. HANCOCK	643	331	W	4.78	4.78	4.51	1.24	28	0.78	17	10.11	2.43	4	4	3	0.1
26. HEATH	482	339	W	8.98	8.98	8.98	5.66	63	3.06	34	29.99	11.71	10	10	10	0.4

## POPULATION GROUP I (0 - 1,999)

MUNICIPALITY	'80 POP	POP RNK	RG AF	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
27. HINSDALE	1,707	288	W	3.87	2.12	3.87	0.95	25	0.85	22	3.56	10.24	9	11	10	0.7
28. HOLLAND	1,589	292	W	3.29	2.61	2.67	0.99	37	0.94	35	3.78	3.46	10	10	10	0.3
29. HUBBARDSTON	1,797	286	C	5.52	5.52	5.06	2.23	44	1.85	37	5.39	4.51	18	12	15	0.7
30. HUNTINGTON	1,804	285	W	5.58	5.58	5.36	2.06	38	1.14	21	3.90	4.25	13	13	13	1.0
31. LEVERETT	1,471	296	W	2.11	2.11	2.11	1.55	73	0.42	20	3.55	3.12	15	12	15	0.4
32. LEYDEN	498	337	W	5.82	5.82	5.79	3.10	54	1.18	20	7.56	8.29	10	10	10	0.3
33. MIDDLEFIELD	385	342	W	2.82	2.82	2.54	0.34	13	1.91	75	13.35	5.82	10	7	10	0.3
34. MILLVILLE	1,693	289	C													
35. MONROE	179	348	W	5.39	5.39	5.39	3.32	62	1.99	37	24.35	12.30	2	1	3	0.1
36. MONTEREY	818	322	W	11.24	11.24	11.24	5.63	50	2.28	20	7.27	12.56	11	11	18	0.5
37. MONTGOMERY	637	332	W													
38. MOUNT WASHINGTON	93	350	W	5.27	5.27	5.27	1.34	26	3.91	74	28.09	5.59	0	2	2	0.1
39. NEW BRAINTREE	671	327	C	1.96	1.64	1.96	0.39	20	1.58	80	6.07	9.27	10	10	10	0.3
40. NEW MARLBOROUGH	1,160	307	W	4.82	3.41	3.86	1.80	47	0.45	12			11	15		
41. NEW SALEM	688	326	W	5.41	5.15	5.40	2.07	38	1.71	32	10.61	10.00	14	14	8	0.2
42. OAK BLUFFS	1,984	280	E													
43. OAKHAM	994	317	C	9.41	9.31	9.41	4.24	45	1.96	21	14.41	13.26	14.5	14.5	15	0.7
44. OTIS	963	318	W													
45. PELHAM	1,112	311	W	3.15	3.15	2.76	1.67	60	0.95	34	5.72	2.61	10	10	10	0.3
46. PERU	633	333	W	1.23	0.68	0.75	0.00	0	0.46	62	9.51	2.82	8	10	0.0	0.0
47. PETERSHAM	1,024	314	C	18.07	2.58	15.09	5.64	37	3.13	21	16.92	7.38	23.5	23.5	17	0.8
48. PHILLIPSTON	953	320	C	4.05	3.63	3.35	1.36	41	1.13	34	8.24	4.56	10	10	10	0.3
49. PLAINFIELD	425	340	W	7.68	7.68	7.68	4.00	52	3.34	43	17.97	17.76	13.5	13.5	10	0.3
50. PLYMPTON	1,974	281	E	8.57	8.57	8.36	5.05	60	2.16	26	6.75	7.12	28	25	30	1.1
51. RICHMOND	1,659	291	W	3.44	3.44	3.29	2.30	70	0.70	21	3.50	8.01	11	11	11	0.5
52. ROWE	336	344	W	47.71	46.58	46.40	20.18	43	17.30	37	43.15	24.10	15	15	20	0.9

## POPULATION GROUP I (0 - 1,999)

MUNICIPALITY	'80 POP	POP RNK	RG AF	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP \$ TOT EXP	MATERLS \$ PER CAP	EXP \$ TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
53. ROYALSTON	955	319	C													
54. RUSSELL	1,570	293	W	4.71	4.71	4.71	2.87	61	1.08	23	2.70	3.67	20.5	20.5	13	0.7
55. SANDSFIELD	720	324	W	3.83	3.74	3.83	1.24	32	1.79	47	6.03	5.75	22	22	3	0.1
56. SAVOY	644	330	W													
57. SHUTESBURY	1,049	312	W	3.60	0.91	3.31	0.63	19	0.68	21	5.30	3.81	10	10	5	0.2
58. TOLLAND	235	346	W													
59. TRURO	1,486	295	E	7.67	7.67	7.67	3.21	42	2.86	37	10.34	6.95	14	24.5	19	0.5
60. TYRINGHAM	344	343	W													
61. WALES	1,177	306	W	3.22	3.12	3.21	1.24	39	0.72	23	4.91	2.70	10	30	10	0.3
62. WARWICK	603	334	W	9.11	6.72	9.08	5.01	55	2.59	29	15.77	10.95	10	10	11	0.3
63. WENDELL	694	325	W	4.61	4.61	4.61	2.85	62	0.97	21	7.73	2.43	10	10	10	0.3
64. WEST STOCKBRIDGE	1,280	302	W	2.93	2.93	2.92	1.31	45	1.36	47	4.42	3.50	10	10	10	0.3
65. WEST TISBURY	1,010	315	E	26.23	26.23	24.22	15.07	62	5.70	24	13.34	16.71	14	18	16	1.4
66. WESTHAMPTON	1,137	309	W	5.73	4.94	5.73	2.09	37	1.62	28	7.06	8.93	13	13	13	0.4
67. WHATELY	1,341	298	W	9.07	5.62	9.07	3.75	41	1.87	21	11.30	7.26	18	15	20	0.8
68. WINDSOR	598	335	W								5.62	4.77			0.0	0.0
69. WORTHINGTON	932	321	W	6.25	4.79	5.80	1.80	31	1.08	19	11.48	5.98	11	11	6	0.2

Population Group II  
(2,000 -4,999)

## POPULATION GROUP II (2,000 - 4,999)

MUNICIPALITY	'80 POP	POP RNK	RG AF	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP \$ TOT EXP	MATERLS \$ PER CAP	EXP \$ TOT EXP	HLDS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
1. ASHBURNHAM	4,075	238	C	6.21	4.45	6.21	3.32	53	1.74	28	4.01	5.61	33	33	21	1.5
2. ASHBY	2,311	273	C								10.82	4.34			16	0.5
3. BARRE	4,102	237	C	10.79	8.41	10.79	5.48	51	2.66	25	5.85	4.17	23	23	35	2.0
4. BERKLEY	2,731	266	E	3.96	3.96	3.88	1.29	33	0.64	17	4.37	2.23	15	8	15	0.6
5. BERLIN	2,215	276	C	8.71	8.68	8.52	5.45	64	2.22	26	4.65	5.70	22	20	25	1.5
6. BOLTON	2,530	267	C	8.71	8.71	8.71	3.49	40	1.88	22	5.41	6.68	16	18	25	1.5
7. BOXBOROUGH	3,126	256	C	7.40	7.26	7.21	4.11	57	1.83	25	5.96	6.11	22	22	14	1.6
8. BOYLSTON	3,470	252	C	14.16	12.85	14.07	7.24	51	4.66	33	6.43	5.88	30.5	30.5	40	3.1
9. BRIMFIELD	2,318	272	C	5.32	5.08	5.08	1.73	34	1.18	23	3.93	2.78	15	15	15	0.7
10. BROOKFIELD	2,397	269	C	6.34	5.95	5.86	2.76	47	1.31	22	5.87	5.18	21	21	21	0.6
11. CARLISLE	3,306	253	E	16.13	15.96	15.46	10.83	70	3.74	24	7.13	17.37	58	58	37	3.4
12. CHESHIRE	3,124	257	W	1.83	1.83	1.51	0.87	58	0.51	34	9.83	1.23	17	17	0.0	0.0
13. DEERFIELD	4,517	230	W	4.70	4.08	4.63	2.44	53	1.39	30	9.43	6.00	25	23	15	1.5
14. DOUGLAS	3,730	248	C	5.01	4.59	5.01	2.74	55	1.11	22	3.26	3.58	27	21	23	1.1
15. DOVER	4,703	228	E	12.80	12.26	12.80	6.43	50	3.53	28	7.40	8.28	50	36	37	2.7
16. EASTHAM	3,472	251	E	13.06	12.30	13.00	7.52	58	3.11	24	7.38	14.31	28	46	35	2.6
17. EDGARTOWN	2,204	278	E								14.37	14.82			27	3.7
18. ESSEX	2,998	261	E	6.30	4.12	5.94	3.62	61	1.26	21	5.34	6.45	27	22	27	1.1
19. HADLEY	4,125	236	W	4.87	4.87	4.82	2.58	54	0.85	18	2.58	1.48	22	22	22	1.7
20. HAMPDEN	4,745	227	W	4.44	4.44	4.44	3.12	70	1.09	25	2.92	4.74	26	21	26	2.1
21. HARDWICK	2,272	274	W	6.75	3.75	6.75	2.20	33	1.72	25	5.82	3.87	20.5	20.5	15	0.8
22. HATFIELD	3,045	259	W	6.59	6.59	5.79	2.72	47	1.55	27	8.71	5.94	15	8	15	0.9
23. HOPEDALE	3,905	242	C	12.92	10.68	12.01	6.39	53	2.84	24	7.01	10.23	30	22	30	3.3
24. LANESBOROUGH	3,131	255	W	1.55	1.40	1.55	1.17	75	0.32	21	3.26	4.23	15	15	11	0.5
25. MARION	3,932	241	E	11.65	8.93	11.65	6.90	59	3.76	32	7.17	8.14	37	37	40	3.1
26. MASHPEE	3,700	249	E	6.78	6.78	6.18	3.82	62	1.19	19	2.21	3.56	27	27	25	1.7

## POPULATION GROUP II (2,000 - 4,999)

MUNICIPALITY	'80 POP	POP RNK	RG AF	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP \$ TOT EXP	MATERLS \$ PER CAP	EXP \$ TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
27. MENDON	3,108	258	C	3.15	3.15	2.22	1.09	49	0.73	33	6.01	1.24	15	12	9	0.5
28. MERRIMAC	4,451	231	E	9.86	9.74	9.70	6.81	70	2.03	21	4.44	5.64	52	48	40	3.4
29. MIDDLETON	4,135	235	E	13.65	13.60	13.64	8.63	63	2.78	20	4.88	7.19	50	30	24	4.7
30. NAHANT	3,947	240	E	13.65	13.65	13.65	7.62	56	3.43	25	18.86	12.43	32	48	40	3.1
31. NEWBURY	4,529	229	E	7.27	7.11	6.61	4.28	65	1.30	20	1.89	4.95	37	37	37	2.5
32. NORTH BROOKFIELD	4,150	233	C	5.48	5.33	5.48	2.19	40	1.27	23	4.61	5.61	24	24	22	1.3
33. NORTHFIELD	2,386	270	W	13.88	13.88	13.40	7.89	59	2.87	21	10.10	12.22	31	31	40	2.2
34. PAXTON	3,762	247	C	8.46	7.48	8.31	4.85	58	1.99	24	4.43	6.71	34	20	35	2.3
35. PRINCETON	2,425	268	C	8.07	7.15	8.05	3.82	47	2.38	30	5.68	11.64	16	13	16	1.2
36. PROVINCETOWN	3,536	250	E	20.05	20.05	19.40	11.01	57	3.93	20	2.64	4.52	45	45	40	3.1
37. ROCHESTER	3,205	254	E	1.85	1.85	1.69	0.65	39	0.28	17	2.32	1.29	10	10	10	0.3
38. ROWLEY	3,867	245	E	8.25	7.86	8.25	5.22	63	1.93	23	6.48	5.16	26	23	28	2.3
39. RUTLAND	4,334	232	C	5.30	4.90	5.30	2.54	48	1.37	26	2.58	4.49	26	22.5	22	1.4
40. SHEFFIELD	2,743	265	W	12.21	11.47	12.21	7.45	61	2.77	23	9.62	5.45	27	27	40	1.6
41. SHELBURNE	2,002	279	W	11.13	6.90	11.00	4.87	44	2.34	21	22.78	13.43	18	18	15	1.3
42. SHERBORN	4,049	239	E	22.11	21.57	22.11	11.37	51	4.78	22	9.96	10.51	59	43	38	5.4
43. SOUTHAMPTON	4,137	234	W	7.81	7.27	7.72	4.34	56	1.87	24	4.61	7.28	18	18	22	2.1
44. STOCKBRIDGE	2,328	271	W								26.88	25.66			38	4.5
45. SUNDERLAND	2,929	263	W	3.13	2.98	3.11	1.19	38	0.76	25	4.44	2.90	18	18	14	0.4
46. TISBURY	2,972	262	E													
47. UPTON	3,886	244	C	5.84	5.29	5.08	3.62	71	1.04	20	6.76	6.58	42	42	40	1.6
48. WARREN	3,777	246	C	7.20	6.18	6.68	2.95	44	1.54	23	3.41	4.91	27	29.5	35	1.5
49. WELLFLEET	2,209	277	E	18.76	17.42	18.24	13.76	75	3.69	20	10.14	19.41	29	29	35	3.2
50. WENHAM	3,897	243	E	15.80	11.95	15.55	9.00	58	4.84	31	6.54	13.09	33	29	33	4.1
51. WEST BROOKFIELD	3,026	260	C	6.29	3.42	6.29	3.73	59	1.32	21	4.90	11.73	24	24	19	1.4
52. WEST NEWBURY	2,861	264	E	12.24	12.16	12.24	7.16	59	2.84	23	6.02	25.18	30	27	40	2.4

POPULATION GROUP II (2,000 - 4,999)

MUNICIPALITY	'80 POP	POP RNK	RG AF	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY EXP \$ \$ PER TOT CAP EXP	MATERLS EXP \$ \$ PER TOT CAP EXP	HLDGS P C	CIRC P C	HOURS OPEN WIN SUM	HRS/ WORK WEEK	FTE LESS CETA
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53. WILLIAMSBURG	2,237	275	W										



Population Group III  
(5,000-9,999)

POPULATION GROUP III (5,000 - 9,999)

MUNICIPALITY	'80 POP	POP RNK	RG AF	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP \$ TOT EXP	MATERLS \$ PER CAP	EXP \$ TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
1. ACUSHNET	8,704	164	E	1.81	1.68	1.81	1.28	71	0.14	8	2.20	2.50	15	15	20	1.5
2. ASHLAND	9,165	157	E								4.12	4.57			30	2.9
3. AVON	5,026	226	E	9.99	9.09	9.99	5.90	59	2.13	21	6.79	6.29	47	42.5	35	3.0
4. AYER	6,993	184	C	6.68	6.59	6.37	3.47	55	1.65	26	2.70	3.35	45	45	22	2.7
5. BELCHERTOWN	8,339	169	W	3.52	3.52	3.52	1.86	53	0.81	23	1.84	2.69	25	15	25	2.1
6. BLACKSTONE	6,570	192	C													
7. BOXFORD	5,374	217	E	13.48	13.30	13.12	8.18	62	2.72	21	6.86	6.71	44	48	40	4.6
8. BREWSTER	5,226	220	E	10.79	6.62	9.73	5.56	57	2.02	21	3.99	10.59	26	22	30	2.5
9. CARVER	6,988	185	E	4.65	4.63	4.28	2.63	61	0.89	21	2.40	4.30	30	30	32	2.1
10. CHARLTON	6,719	191	C													
11. CHATHAM	6,071	202	E	9.20	7.12	9.07	4.95	55	1.89	21	5.98	12.48	29	29	29	3.0
12. COHASSET	7,174	179	E	18.58	18.19	18.58	12.95	70	4.04	22	6.79	13.51	53	47	35	7.7
13. DALTON	6,797	190	W	7.69	7.25	7.36	4.88	66	1.41	19	4.82	6.52	32	29	40	3.4
14. DIGHTON	5,352	218	E	2.10	2.10	2.10	1.26	60	0.51	24	3.11	3.90	15	15	15	0.9
15. DUDLEY	8,717	163	C	3.54	3.49	3.49	2.19	63	0.67	19	2.99	4.04	39	41	36	1.9
16. EAST BRIDGEWATER	9,945	152	E	11.28	11.28	10.80	6.76	63	2.30	21	4.64	5.08	49	44	35	7.6
17. FREETOWN	7,058	182	E	2.31	2.31	2.21	1.06	48	0.58	26	1.27	2.50	26	26	16	1.5
18. GEORGETOWN	5,687	210	E	7.96	7.96	7.81	4.35	56	2.29	29	5.58	7.98	25.5	25.5	27	2.7
19. GRANBY	5,380	216	W	4.87	4.86	4.86	3.44	71	0.92	19	3.38	4.32	25.5	25.5	35	2.0
20. GREAT BARRINGTON	7,405	174	W	13.17	12.19	11.63	6.27	54	2.10	18	9.63	7.60	49	48.5	40	6.0
21. GROTON	6,154	201	C	10.25	8.70	10.16	6.83	67	2.15	21	7.38	7.10	35	25	36	5.0
22. GROVELAND	5,040	225	E	5.62	3.63	5.62	2.82	50	2.17	39	3.67	5.55	26	20.5	25	2.0
23. HALIFAX	5,513	213	E	6.63	6.45	6.45	3.61	56	1.94	30	3.46	6.98	32.5	38	40	2.8
24. HAMILTON	6,960	187	E	12.84	12.84	12.84	7.09	55	3.85	30	4.97	7.78	44	35	40	5.4
25. HANSON	8,617	165	E	4.60	4.50	4.59	2.59	56	1.71	37	2.17	4.09	36	31	35	2.1
26. HARWICH	8,971	159	E	10.74	8.57	8.85	4.77	54	2.12	24	6.64	14.02	46	48	35	6.0

## POPULATION GROUP III (5,000 - 9,999)

MUNICIPALITY	'80 POP	POP RNK	RG AF	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP \$ TOT EXP	MATERLS \$ PER CAP	EXP \$ TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
27. HOPKINTON	7,114	180	C	9.96	8.78	9.96	5.77	58	1.42	14	4.32	10.08	25	25	40	5.1
28. HULL	9,714	153	E	7.71	7.71	7.71	4.44	58	2.18	28	4.88	4.43	47	57	35	3.6
29. KINGSTON	7,362	176	E	10.04	10.00	9.92	7.18	72	1.71	17	5.12	7.50	35	32.5	35	5.1
30. LAKEVILLE	5,931	206	E	3.58	3.58	3.46	2.24	65	0.55	16	1.90	2.18	21	21	21	1.6
31. LANCASTER	6,334	197	C	13.19	9.56	13.19	6.85	52	3.28	25	7.78	9.49	34	28	35	4.5
32. LEE	6,247	198	W	12.68	11.79	11.95	6.02	50	2.54	21	7.66	7.55	36	36	32	3.0
33. LEICESTER	9,446	155	C	4.59	4.59	4.58	2.93	64	1.01	22	2.80	3.08	37	30	32	3.2
34. LENOX	6,523	193	W													
35. LINCOLN	7,098	181	E	25.52	25.52	25.43	17.04	67	4.76	19	8.47	11.99	59.5	52.5	37.5	9.9
36. LITTLETON	6,970	186	C	8.33	7.98	8.33	6.11	73	1.36	16	6.54	9.34	45	45	35	4.3
37. LUNENBURG	8,405	167	C	8.70	8.70	8.64	5.28	61	1.89	22	2.93	6.15	48	44	37.5	4.4
38. MANCHESTER	5,424	215	E	12.81	12.81	12.73	7.91	62	2.82	22	6.62	9.67	45	39	35	3.6
39. MATTAPANSETT	5,597	212	E	6.11	6.11	6.02	3.65	61	1.33	22	3.30	5.49	26	38	26	2.6
40. MAYNARD	9,590	154	E	7.06	7.06	7.06	4.97	70	1.43	20	3.34	3.59	35	35	35	4.5
41. MEDWAY	8,447	166	E	9.93	9.93	9.93	5.84	59	1.89	19	3.96	6.10	36	29	40	4.6
42. MILLIS	6,908	188	E	7.73	7.73	7.46	5.25	70	1.84	25	5.50	8.74	40	36	35	3.9
43. MONSON	7,315	177	W	8.75	7.27	7.84	4.65	59	1.52	19	3.67	3.51	51	44	35	3.8
44. MONTAGUE	8,011	171	W	6.86	6.86	6.86	4.38	64	1.43	21	8.06	7.12	39.5	35.5	37.5	4.0
45. NANTUCKET	5,087	224	E													
46. NORFOLK	6,363	194	E	8.15	7.95	8.06	5.14	64	1.82	23	2.27	9.67	39.5	33.5	35	3.7
47. NORWELL	9,182	156	E	12.37	12.21	11.40	6.65	58	2.75	24	3.91	8.39	44	44	37.5	6.0
48. ORANGE	6,844	189	W	6.17	6.01	6.17	3.63	59	1.24	20	5.76	4.37	30	30	35	2.9
49. ORLEANS	5,306	219	E	16.22	14.12	14.12	9.88	70	2.86	20	4.55	17.38	29	29	40	4.5
50. PEPPERELL	8,061	170	C	11.19	10.29	10.42	7.01	67	2.00	19	3.34	8.80	32	29	40	5.2
51. PLAINVILLE	5,857	207	E	2.28	2.28	2.28	1.38	61	0.52	23	1.90	1.47	25	25	21	1.1
52. RAYNHAM	9,085	158	E	3.29	3.06	3.29	2.04	62	0.65	20	2.65	3.79	36	22	20	2.3

## POPULATION GROUP III (5,000 - 9,999)

MUNICIPALITY	'80 POP	POP RNK	RG AF	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP \$ TOT EXP	MATERLS \$ PER CAP	EXP \$ TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
53. REHOBOTH	7,570	173	E	1.15	1.03	1.13	0.70	62	0.27	24	1.13	1.20	25	16	25	1.3
54. ROCKPORT	6,345	196	E	11.54	11.54	11.54	8.84	77	2.19	19	5.39	13.67	35	35	30	5.4
55. SALISBURY	5,973	205	E	6.35	6.35	6.35	3.87	61	1.75	28	4.70	4.60	42	42	37	3.0
56. SANDWICH	8,727	162	E	13.30	9.87	13.30	9.28	70	2.53	19	4.09	10.92	42	42	35	7.3
57. SHIRLEY	5,124	223	C	3.51	3.26	3.26	2.03	62	0.70	21	4.82	2.21	20	20	20	1.2
58. SOUTHBOROUGH	6,193	200	C	13.45	13.31	12.99	8.90	69	2.87	22	5.97	11.63	48	41	40	4.5
59. SOUTHWICK	7,382	175	W	2.93	2.93	2.75	1.41	51	0.99	36	3.68	4.29	36	36	35	1.0
60. STERLING	5,440	214	C	10.05	10.05	10.05	6.11	61	2.49	25	3.67	6.75	38	38	40	3.6
61. STOW	5,144	221	E	9.12	8.36	8.56	4.84	57	1.94	23	5.17	5.24	36	29	40	2.7
62. STURBRIDGE	5,976	204	C	7.70	6.24	5.83	3.57	61	1.26	22	2.75	7.33	48	48	30	2.9
63. SUTTON	5,855	208	C	4.68	4.58	4.58	2.73	60	0.81	18	2.71	3.32	27	27	23	1.9
64. TEMPLETON	6,070	203	C								1.99	1.81			10.5	0.8
65. TOPSFIELD	5,709	209	E	10.96	10.19	9.92	6.17	62	2.45	25	5.65	12.19	39	41	40	3.8
66. TOWNSEND	7,201	178	C								5.09	7.14			26	2.4
67. TYNGSBOROUGH	5,683	211	E													
68. UXBRIDGE	8,374	168	C	7.41	6.59	7.41	4.16	56	1.95	26	4.42	5.20	30	30	35	4.7
69. WARE	8,953	160	W	7.52	5.93	7.50	4.13	55	1.43	19	4.70	6.16	33	33	33	4.1
70. WEST BOYLSTON	6,204	199	C	11.78	10.34	10.92	7.30	67	2.30	21	5.01	4.69	27.5	22	35	5.1
71. WEST BRIDGEWATER	6,359	195	E	8.67	8.67	8.66	5.18	60	2.30	27	5.47	4.44	28	31	35	2.7
72. WESTMINSTER	5,139	222	C	9.10	8.91	9.10	6.09	67	1.76	19	4.18	6.14	41	41	35	3.1
73. WILLIAMSTOWN	8,741	161	W	5.72	5.72	5.64	4.16	74	1.21	21	3.34	8.82	40	38	35	4.6
74. WINCHENDON	7,019	183	C	4.94	4.17	4.80	2.67	56	0.98	20	3.47	3.12	25	25	30.6	2.0
75. WRENTHAM	7,580	172	E	9.25	8.68	8.66	5.72	66	2.05	24	3.91	5.41	51.5	47.5	35	4.0

Population Group IV  
(10,000-24,999)

## POPULATION GROUP IV (10,000 - 24,999)

MUNICIPALITY	'80 POP	POP RNK	RG AF	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
1. ABINGTON	13,517	119	E	7.33	6.95	6.87	5.20	76	1.29	19	3.44	5.28	49.5	42.5	35	6.5
2. ACTON	17,544	91	E	13.83	13.55	13.55	9.45	70	2.04	15	3.48	11.15	64	56	40	12.1
3. ADAMS	10,381	150	W	8.73	8.15	8.73	6.32	72	1.49	17	3.80	7.08	47.5	59	35	6.0
4. AMESBURY	13,971	112	E	10.70	9.95	10.70	7.81	73	2.02	19	7.03	8.36	51	51	35	14.5
5. ATHOL	10,634	148	C	10.81	10.14	9.68	6.52	67	1.94	20	2.89	8.80	62	53	40	6.5
6. AUBURN	14,845	107	C	13.55	13.36	13.54	8.71	64	2.29	17	3.43	7.31	61.5	51.5	35	12.3
7. BEDFORD	13,067	125	E	18.72	18.49	18.67	12.75	68	3.91	21	5.88	8.46	67	64	40	14.1
8. BELLINGHAM	14,300	109	E	3.37	3.37	3.30	2.02	61	0.89	27	1.18	3.04	45	39	35	2.7
9. BOURNE	13,874	113	E	8.69	8.50	8.47	5.85	69	1.42	17	3.16	5.43	56	56	37.5	7.0
10. BRIDGEWATER	17,202	94	E	10.04	9.66	9.34	5.59	60	2.15	23	4.95	5.73	35	28	35	10.2
11. BURLINGTON	23,486	68	E	8.29	8.28	7.98	5.66	71	1.50	19	2.67	5.08	61	52	35	11.7
12. CANTON	18,182	87	E	16.28	15.52	15.33	11.19	73	2.63	17	4.46	9.39	51.5	51.5	35	13.3
13. CLINTON	12,771	127	C	6.08	6.08	6.08	4.17	69	1.03	17	6.37	2.53	43	43	37	5.1
14. CONCORD	16,293	101	E	30.93	22.86	29.76	20.51	69	4.05	14	12.82	15.80	68	60	37.5	24.5
15. DANVERS	24,100	65	E	12.29	11.20	11.76	8.88	75	2.57	22	4.50	6.50	64	60	37.5	18.4
16. DARTMOUTH	23,966	66	E	8.89	8.84	8.89	5.77	65	1.44	16	3.90	7.68	63	63	35	13.3
17. DENNIS	12,360	130	E	4.07	2.47	3.77	1.05	28	0.98	26	4.23	5.34	33.5	32.5	30	2.3
18. DRACUT	21,249	73	E	5.93	5.92	5.90	3.74	63	1.02	17	1.57	3.48	56	46	35	6.4
19. DUXBURY	11,807	137	E	16.08	14.93	16.07	10.98	68	2.45	15	4.63	10.35	62	58	40	11.4
20. EAST LONGMEADOW	12,905	126	W	13.20	13.20	12.95	8.07	62	2.49	19	4.12	12.58	62	52	37	11.7
21. EASTHAMPTON	15,580	105	W													
22. EASTON	16,623	96	E	6.46	1.10	6.03	3.21	53	0.91	15	2.92	3.82	50	28	35	6.3
23. FAIRHAVEN	15,759	103	E	11.29	9.76	11.17	5.99	54	1.85	17	5.51	5.48	60	60	37	8.2
24. FALMOUTH	23,640	67	E	16.99	15.18	15.54	9.77	63	2.52	16	6.09	13.01	58	67	37.5	20.3
25. FOXBOROUGH	14,148	110	E	11.54	11.44	11.44	7.99	70	1.57	14	4.20	6.78	43	43	35	6.8
26. FRANKLIN	18,217	86	E	5.23	5.23	4.59	2.98	65	0.68	15	3.19	1.59	50	35	35	5.8

POPULATION GROUP IV (10,000 - 24,999)

MUNICIPALITY	'80 POP	POP RNK	RG AF	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
27. GARDNER	17,900	90	C	10.21	9.82	10.21	6.87	67	1.91	19	4.17	8.32	62.5	54.5	37.5	11.2
28. GRAFTON	11,238	143	C													
29. GREENFIELD	18,436	85	W	8.46	8.01	8.12	6.46	80	0.85	10	6.57	7.33	41	41	37.5	9.0
30. HANOVER	11,358	141	E	8.11	6.72	8.08	4.99	62	1.70	21	4.69	8.06	51	44	35	4.8
31. HARVARD	12,170	133	C	4.14	3.36	4.14	2.22	53	1.39	34	2.44	3.08	44	44	30	3.0
32. HINGHAM	20,339	77	E	21.47	18.23	21.43	14.22	66	3.95	18	8.45	16.83	59	52	35	21.7
33. HOLBROOK	11,140	146	E	8.47	8.47	8.10	5.09	63	1.68	21	3.39	5.41	40	40	37.5	6.0
34. HOLDEN	13,336	123	C	12.42	12.32	12.24	8.88	73	2.04	17	3.09	10.79	52	41	35	8.4
35. HOLLISTON	12,622	129	E	7.24	7.20	7.24	4.65	64	1.14	16	3.36	7.36	52	44	37.5	5.4
36. HUDSON	16,408	97	C	9.03	8.98	8.95	6.24	70	1.72	19	2.41	5.05	61	53	37.5	8.4
37. IPSWICH	11,158	145	E	10.80	10.80	10.80	7.42	69	2.33	22	5.74	7.59	54.5	42	38	7.3
38. LONGMEADOW	16,301	100	W	12.00	10.36	11.78	7.55	64	1.79	15	3.42	13.29	57	50	36.3	11.1
39. LUDLOW	18,150	88	W	5.67	5.67	5.51	3.66	66	1.26	23	1.72	3.75	54.5	49.5	40	5.8
40. LYNNFIELD	11,267	142	E	15.31	15.13	15.13	10.61	70	3.49	23	5.42	11.35	64	56	35	9.7
41. MANSFIELD	13,453	121	E	7.31	7.31	7.17	5.21	73	1.29	18	2.55	5.71	48	40	36	6.2
42. MARBLEHEAD	20,126	79	E	18.43	18.39	18.29	12.47	68	3.74	20	4.83	12.34	64	60	40	19.1
43. MARSHFIELD	20,916	75	E	7.66	7.66	7.66	5.96	78	1.51	20	2.27	6.86	55.5	55.5	37.5	10.4
44. MEDFIELD	10,220	151	E	6.54	5.77	6.29	4.04	64	1.28	20	2.63	7.36	43.5	41.5	37.5	4.3
45. MIDDLEBOROUGH	16,404	98	E								6.63	4.17			37	5.7
46. MILFORD	23,390	69	C	1.82	1.82	1.80	0.78	44	0.75	42	2.78	4.77	48	40	35	5.0
47. MILLBURY	11,808	136	C	5.29	5.29	5.00	2.99	60	1.35	27	2.25	4.48	41	41	40	4.2
48. NEWBURYPORT	15,900	102	E	11.01	9.75	10.30	7.27	71	1.79	17	4.50	7.02	54	56	35	10.3
49. NORTH ADAMS	18,063	89	W	6.34	6.34	6.34	5.12	81	0.93	15	3.01	3.25	50	47.5	37.5	7.6
50. NORTH ANDOVER	20,129	78	E	10.02	9.17	9.92	6.74	68	1.87	19	2.83	5.46	67	56	38	10.0
51. NORTH ATTLEBOROUGH	21,095	74	E	5.57	5.48	5.57	3.64	65	0.95	17	2.02	4.19	50	35.5	37	9.1
52. NORTH READING	11,455	139	E	8.29	8.29	8.28	6.45	78	1.48	18	3.19	6.86	62	56	35	6.3



## POPULATION GROUP IV (10,000 - 24,999)

MUNICIPALITY	'80 POP	POP RNK	RG AF	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP \$ TOT EXP	MATERLS \$ PER CAP	EXP \$ TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
53. NORTHBOROUGH	10,568	149	C	16.65	16.06	16.50	10.43	63	3.31	20	4.20	12.02	54	54	40	10.2
54. NORTHBRIDGE	12,246	132	C	7.71	6.81	7.67	4.26	56	1.60	21	3.81	5.24	40.5	37.5	35	4.6
55. NORTON	12,690	128	E	5.02	4.83	4.98	2.91	58	0.96	19	2.22	3.14	44	36	35	4.1
56. OXFORD	11,680	138	C	6.92	6.85	6.81	4.87	71	1.12	16	3.05	2.98	40	36	35	6.0
57. PALMER	11,389	140	W	11.12	10.68	11.12	6.60	59	1.73	16	4.18	11.66	57	50	35	9.3
58. PEMBROKE	13,487	120	E	4.71	4.51	4.67	3.04	65	1.00	22	3.19	5.66	44	44	35	3.6
59. READING	22,678	70	E	13.37	13.13	13.16	9.23	70	2.45	19	3.75	10.49	68.5	60	37.5	18.5
60. ROCKLAND	15,695	104	E	5.95	5.80	5.95	4.34	73	0.95	16	2.52	5.91	57	50	35	7.2
61. SAUGUS	24,746	63	E	5.26	5.26	5.26	4.02	76	0.70	13	3.05	3.14	63	50.5	37.5	9.3
62. SCITUATE	17,317	93	E	9.81	9.63	9.69	7.82	81	1.79	18	3.73	10.47	60	56	35	9.9
63. SEEKONK	12,269	131	E	7.11	7.11	7.09	5.06	71	1.78	25	2.73	7.89	49	49	33	6.9
64. SHARON	13,601	117	E	13.85	13.81	13.81	7.19	52	3.44	25	4.91	9.83	44	44	37.5	9.4
65. SHREWSBURY	22,674	71	C	15.01	14.67	13.95	8.49	61	2.67	19	3.93	7.88	59	55	37.5	17.3
66. SOMERSET	18,813	82	E	9.24	9.24	9.24	6.30	68	1.67	18	3.44	7.62	71	68	35	11.9
67. SOUTH HADLEY	16,399	99	W	10.17	10.17	10.17	7.23	71	1.76	17	2.86	7.40	54	42.5	35	9.7
68. SOUTHBRIDGE	16,665	95	C	11.45	11.07	10.70	6.45	60	2.42	23	3.31	6.93	58	58	37.5	10.0
69. SPENCER	10,774	147	C	6.06	4.45	6.06	3.54	58	1.64	27	2.55	4.51	41	41	25	3.7
70. STONEHAM	21,424	72	E	12.39	12.39	11.52	8.10	70	2.37	21	3.40	8.01	59	51	35	14.9
71. SUDBURY	14,027	111	E	14.17	14.17	14.14	9.84	70	2.48	18	4.07	14.24	69	57	35	11.1
72. SWAMPSCOTT	13,837	114	E	15.46	14.58	14.91	10.63	71	2.88	19	5.16	8.15	60	52	35	10.1
73. SWANSEA	15,461	106	E	5.11	4.69	5.11	2.30	45	1.26	25	3.20	4.90	50	50	37.5	5.5
74. TEWKSBURY	24,635	64	E	4.18	4.17	4.18	3.07	74	0.63	15	1.46	2.75	58	32	37.5	6.4
75. WAKEFIELD	24,895	62	E	15.64	14.92	15.60	10.62	68	2.58	17	4.35	6.36	63	54	37.5	18.3
76. WALPOLE	18,859	81	E	11.33	11.10	11.00	7.23	66	2.55	23	4.92	7.78	63	55	35	12.8
77. WAREHAM	18,457	83	E	6.36	6.01	6.33	4.33	68	1.31	21	1.68	3.70	50	43	37	6.3
78. WAYLAND	12,170	133	E	18.26	17.98	18.26	12.60	69	3.73	20	5.30	13.11	67	57	35	12.6

## POPULATION GROUP IV (10,000 - 24,999)

MUNICIPALITY	'80 POP	POP RNK	RG AF	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
79. WEBSTER	14,480	108	C	5.25	4.94	5.25	3.96	76	0.85	16	2.52	5.19	45	45	35	6.0
80. WESTBOROUGH	13,619	116	C	14.18	13.42	13.54	9.08	67	2.53	19	3.24	8.66	53	53	35	10.9
81. WESTFORD	13,434	122	E	11.94	11.75	11.79	8.54	72	2.01	17	4.86	7.37	59	44	37.5	9.2
82. WESTON	11,169	144	E	18.67	18.26	18.67	12.73	68	3.48	19	5.04	12.30	53	43	37.5	12.6
83. WESTPORT	13,763	115	E	5.25	5.17	5.23	3.35	64	0.87	17	2.09	5.43	42	42	35	4.6
84. WESTWOOD	13,212	124	E	20.23	20.19	19.80	14.12	71	3.12	16	7.40	12.81	64	60	35	14.0
85. WHITMAN	13,534	118	E	3.46	2.72	2.83	2.15	76	0.59	21	2.59	2.34	48.5	48.5	35	3.5
86. WILBRAHAM	12,053	135	W	11.39	11.34	11.10	6.89	62	2.46	22	4.56	9.96	51	44	35	8.0
87. WILMINGTON	17,471	92	E	9.94	9.94	9.92	7.47	75	2.01	20	4.46	7.15	60	52	35	10.2
88. WINCHESTER	20,701	76	E	20.22	19.69	20.02	13.70	68	3.34	17	5.29	14.68	52.5	45	35	19.5
89. WINTHROP	19,294	80	E	7.05	7.05	6.64	5.15	78	0.97	15	4.41	3.92	50	43	35	8.7
90. YARMOUTH	18,449	84	E	6.69	4.92	6.26	2.78	44	1.34	21	3.33	9.67	50	50	35	6.5



Population Group V  
(25,000-49,999)

## POPULATION GROUP V (25,000 - 49,999)

MUNICIPALITY	'80 POP	POP RNK	RG AF	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP \$ TOT EXP	MATERLS \$ PER CAP	EXP \$ TOT EXP	HLDGS P C	CIRC P C	HOURS W IN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
1. AGAWAM	26,271	57	W	9.68	9.49	9.20	4.98	54	2.14	23	2.74	6.39	65	57	35	12.1
2. AMHERST	33,229	41	W	11.18	10.05	10.85	6.93	64	2.04	19	3.77	6.83	62	58	37.5	23.3
3. ANDOVER	26,370	56	E	25.87	25.87	25.87	16.95	66	3.72	14	6.40	16.19	71	60	37.5	38.1
4. ARLINGTON	48,219	22	E	14.28	13.95	13.36	9.74	73	1.94	15	6.47	8.22	66	57	35	39.8
5. ATTLEBORO	34,196	40	E	6.83	6.52	6.76	4.27	63	1.29	19	3.45	4.75	63	50	37.5	14.3
6. BARNSTABLE	30,898	43	E	14.98	9.10	14.89	7.72	52	2.43	16	5.51	10.24	61.5	61.5	35	23.4
7. BELMONT	26,100	58	E	19.82	19.81	19.70	14.36	73	2.80	14	5.39	11.29	68	56	35	25.1
8. BEVERLY	37,655	30	E	10.23	9.15	9.69	7.34	76	1.33	14	4.04	6.72	63	52	35	20.3
9. BILLERICA	36,727	32	E	5.48	5.48	5.48	3.84	70	0.74	13	1.28	3.08	64	56	37.5	11.2
10. BRAINTREE	36,337	36	E	12.28	12.15	10.72	7.82	73	1.56	15	2.97	5.58	51	51	38	22.4
11. CHELMSFORD	31,174	42	E	10.07	10.04	9.97	6.51	65	2.14	21	3.08	7.71	66	63	37.5	18.6
12. CHELSEA	25,431	60	E	8.72	8.72	8.72	6.23	71	1.67	19	5.84	4.83	63	42	35	12.0
13. DEDHAM	25,298	61	E	12.91	12.27	12.59	9.30	74	1.74	14	6.16	7.39	64	63	37.5	17.0
14. EVERETT	37,195	31	E	9.41	8.89	8.98	6.59	73	1.37	15	5.09	4.49	72	56	36	20.7
15. FITCHBURG	39,580	28	C	12.37	11.42	12.24	8.92	73	1.74	14	4.75	6.89	65	53	37.5	28.4
16. GLOUCESTER	27,768	52	E	11.79	10.73	11.08	7.80	70	1.62	15	3.71	5.68	63	59	36	16.5
17. HAVERHILL	46,865	23	E	7.87	6.21	7.79	4.98	64	1.19	15	3.50	4.78	65.5	41	40	18.2
18. HOLYOKE	44,678	26	W	4.86	4.38	4.86	3.11	64	0.79	16	3.71	2.34	63	56	35	13.6
19. LEOMINSTER	34,508	38	C	8.36	8.25	8.36	6.06	72	1.39	17	2.91	5.31	61	60	37.5	17.1
20. LEXINGTON	29,479	47	E	24.33	21.77	24.33	15.80	65	4.17	17	7.08	16.25	70	66	37	37.3
21. MARLBOROUGH	30,617	44	E	9.40	9.10	9.08	6.68	74	1.25	14	3.63	6.99	69.5	54	35	19.2
22. MELROSE	30,055	45	E	10.08	9.51	9.60	6.94	72	1.81	19	3.97	6.93	65	56	37	16.9
23. METHUEN	36,701	33	E	3.81	0.94	3.74	2.09	56	0.84	22	1.33	2.18	63	55	35	9.8
24. MILTON	25,860	59	E	13.45	12.60	13.45	9.77	73	1.95	15	5.29	8.83	63	55	37.5	17.3
25. NATICK	29,461	48	E	14.78	13.53	14.78	10.07	68	1.94	13	4.54	7.96	63	54	37.5	21.2
26. NEEDHAM	27,901	51	E	17.03	16.38	16.05	10.90	68	2.94	18	4.65	11.31	68	56.5	37.5	22.7

POPULATION GROUP V (25,000 - 49,999)

MUNICIPALITY	'80 POP	POP RNK	RG AF	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY EXP \$ PER CAP	\$ TOT EXP	MATERLS EXP \$ PER CAP	\$ TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
27. NORTHAMPTON	29,286	49	W	14.17	10.23	13.36	8.76	66	2.39	18	12.08	10.22	66	66	37.5	25.2
28. NORWOOD	29,711	46	E	12.72	12.72	12.72	9.08	71	1.71	13	2.86	7.24	72	60	35	18.1
29. PEABODY	45,976	24	E	8.47	7.10	7.39	4.04	55	1.17	16	1.84	2.13	69	65	35.5	16.0
30. PLYMOUTH	35,913	37	E	10.14	10.14	9.90	7.15	72	1.39	14	2.42	5.80	61.5	61.5	37.5	17.3
31. RANDOLPH	28,218	50	E	6.34	6.34	6.34	4.19	66	1.31	21	2.46	5.26	54	46	35	10.9
32. REVERE	42,423	27	E	2.84	2.84	2.84	2.06	73	0.39	14	1.48	1.11	64	46	40	7.9
33. SALEM	38,220	29	E	12.47	10.80	12.47	8.22	66	2.28	18	5.02	5.61	64	64	35	23.3
34. STOUGHTON	26,710	55	E	10.93	10.38	10.93	6.80	62	2.33	21	4.09	6.78	57	49	35	13.5
35. TAUNTON	45,001	25	E	6.14	6.01	6.14	4.47	73	0.80	13	5.21	4.52	64	55	35	17.8
36. WATERTOWN	34,384	39	E	16.90	16.87	16.52	12.36	75	2.06	12	3.96	5.78	58	50	37	32.2
37. WELLESLEY	27,209	53	E	23.67	23.67	23.53	16.81	71	3.67	16	6.88	13.40	71	68	35	37.3
38. WEST SPRINGFIELD	27,042	54	W	8.22	7.88	7.77	5.17	67	1.02	13	3.23	5.37	40	40	37.5	11.1
39. WESTFIELD	36,465	35	W	10.46	7.85	10.46	7.23	69	1.36	13	4.11	9.92	63	54.5	37	25.7
40. WOBURN	36,626	34	E	6.92	6.50	5.95	4.44	75	0.82	14	2.68	3.06	64	47	37.5	12.9





# Population Group VI (50,000-99,999)

MUNICIPALITY	'80 POP	POP RNK	RG AF	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP \$ TOT EXP	MATERLS \$ PER CAP	EXP \$ TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
1. BROCKTON	95,172	6	E	8.35	8.30	8.35	6.38	77	1.05	13	2.95	4.86	64	60	35	45.9
2. BROOKLINE	55,062	19	E	21.59	20.92	21.28	14.92	70	3.18	15	6.61	8.89	63	58	37	52.0
3. CAMBRIDGE	95,322	5	E	12.38	12.30	12.37	10.08	81	1.46	12	4.53	6.18	68	60	37.5	68.1
4. CHICOPEE	55,112	18	W	6.20	6.20	6.19	4.59	74	0.87	14	1.89	3.38	63	49	35	24.0
5. FALL RIVER	92,574	7	E	4.65	4.55	4.56	3.27	72	0.68	15	3.51	2.74	64	56	35	27.0
6. FRAMINGHAM	65,113	13	E	12.01	11.76	11.52	8.92	77	1.49	13	3.53	8.03	67.5	56.5	37.5	44.2
7. LAWRENCE	63,175	14	E	8.33	8.22	8.30	5.00	60	1.00	12	3.68	1.47	45	45	35	19.5
8. LOWELL	92,418	8	E	4.74	4.54	4.43	3.61	82	0.49	11	1.96		64	49	35	23.8
9. LYNN	78,471	11	E	7.91	7.87	7.91	6.52	82	0.79	10	3.32	3.03	64	46	35	31.0
10. MALDEN	53,386	20	E	8.45	7.24	8.09	5.31	66	1.25	15	4.02	3.15	66	57	35	24.1
11. MEDFORD	58,076	16	E	8.49	8.48	8.37	6.57	79	1.00	12	2.42	3.21	57	57	35	25.5
12. NEW BEDFORD	98,478	4	E	7.62	6.53	7.11	5.06	71	0.94	13	4.28	4.14	64	64	35	44.7
13. NEWTON	83,622	10	E	14.02	13.71	14.02	10.18	73	2.20	16	4.24	6.59	69	62	37.5	63.8
14. PITTSFIELD	51,974	21	W	9.57	8.43	9.61	7.68	80	1.30	14	3.71	8.81	63	61	35	31.2
15. QUINCY	84,743	9	E	10.84	10.74	10.83	8.13	75	1.04	10	2.60	4.60	58	51	35	38.4
16. SOMERVILLE	77,372	12	E	8.49	8.09	8.23	6.46	78	1.24	15	2.72	2.30	61	57	35	38.0
17. WALTHAM	58,200	15	E	5.59	5.59	5.59	4.79	86	0.62	11	2.55	4.41	57	47	35	17.6
18. WEYMOUTH	55,601	17	E	8.01	7.83	7.94	5.99	75	0.97	12	2.82	5.23	67	56	35	24.7



# Population Group VII (100,000 +)

MUNICIPALITY -----	'80 POP ---	POP RNK ---	RG AF --	TOT OPRTG INC \$ P C -----	APPRO MUNIC INC \$ P C -----	TOT OPRTG EXP \$ P C -----	SALARY \$ PER CAP -----	EXP \$ TOT EXP -----	MATERLS \$ PER CAP -----	EXP \$ TOT EXP -----	HLDS P C -----	CIRC P C -----	HOURS WIN -----	OPEN SUM -----	HRS/ WORK WEEK -----	FTE LESS CETA -----
1. BOSTON	562,994	1	E	15.39	15.05	15.22	10.69	70	1.44	9	8.66	2.66	63	63	35	423.0
2. SPRINGFIELD	152,319	3	W	18.80	16.42	18.80	12.39	66	2.42	13	4.94	6.35	66.5	52	37.5	151.1
3. WORCESTER	161,799	2	C	14.88	13.86	13.71	10.67	78	1.48	11	5.41	4.95	66	49.5	40	134.3



Section Three:  
FY83 Library Incentive Grant Application  
Page 2

Annual Report Information Survey  
Last Page

## A. TOTAL ANNUAL OPERATING INCOME

1. Appropriated Municipal Income
  - a. Municipal Appropriation \_\_\_\_\_
  - b. Other Receipts \_\_\_\_\_
  - c. Carry-over \_\_\_\_\_
  - d. Library Incentive Grant \_\_\_\_\_
  - e. Dog Tax Fund \_\_\_\_\_
  - f. Federal Revenue Sharing \_\_\_\_\_
2. Trusts and Endowments \_\_\_\_\_
3. Other Monies
  - a. Gifts and Non-governmental Grants \_\_\_\_\_
  - b. LSCA \_\_\_\_\_
  - c. Other Federal \_\_\_\_\_
  - d. Other State \_\_\_\_\_
  - e. Regional & Subregional Monies. \_\_\_\_\_

### BOX A

Total  
Appropriated  
Municipal Income

## C. CAPITAL PROGRAMS & OUTLAYS

1. Income
  - a. Municipal Appropriation \_\_\_\_\_
  - b. Other Income \_\_\_\_\_

### BOX C1

TOTAL

### BOX C2

2. Expenditures

## B. TOTAL ANNUAL OPERATING EXPENDITURES

Report from A1 and A2 above, exclude A3 above.

1. Salaries .....
- 2 a. Library Print Materials
  1. books.....
  2. periodicals.....
  3. microforms.....
- Total Box a
- b. Library Non-Print & Additional Materials .....

### Box B1

Total Salary  
Expenditures

### Box B2

Total Materials  
Expenditures

### Box B3

Other Operating  
Expenditures

### Box B

Total Operating  
Expenditures

# INSTRUCTIONS - LIBRARY INCENTIVE GRANT APPLICATION, FISCAL YEAR 1982

READ THESE INSTRUCTIONS BEFORE COMPLETING THE APPLICATION: If the instructions are unclear or if they do not address a particular situation existing in your library, please call the Library Incentive Grant Unit staff at 1-800-952-7403 or 267-9400.

Instructions corresponding to each page of the Application are separated below by a broken horizontal line. Instructions for the various sections and standards covered on each page of the Application are separated below by a solid horizontal line.

p1 At the bottom of the page give the inclusive dates of the fiscal year for which you are reporting only if it differs from 1 July 1981 through 30 June 1982.

p2 A TOTAL ANNUAL OPERATING INCOME

p2 A1 Appropriated Municipal Income

A1a Municipal Appropriation

Include + public funds actually appropriated for operating expenditures  
+ appropriations received through the supplemental budget process

Exclude - Other Receipts  
- Carry-over from FY81  
- Library Incentive Grant  
- Dog Tax Fund  
- Federal Revenue Sharing  
- Regional and Subregional monies  
- Capital Programs and Outlays

A1b Other Receipts: Enter "included in 1a" if the amount of Other Receipts is already reported in "Municipal Appropriation" above.

Include + revenue only if retained by the library or made available by the municipality for the library's operating expenses

+ revenue received in addition to local appropriations such as from fines and fees, duplicating machine usage, and rentals

+ proceeds from the sale of inventory and fixed assets

Exclude - receipts retained by the municipality and not made available for the library's operating expenses



- A1c Carry-over: Enter "included in 1a,b,d,e,f" as appropriate if carry-over is already reported elsewhere.
- Include + FY81 appropriated monies which were unencumbered and unexpended that year and made available by the municipality for expenditure during FY82
- A1d Library Incentive Grant: Enter "included in 1a" if the amount of the Library Incentive Grant is already reported in "Municipal Appropriation" above.
- Include + only the amount of funds made available by the municipality during FY82 for the library's operating expenses
- A1e Dog Tax Fund: Enter "included in 1a" if the amount is already reported in "Municipal Appropriation" above.
- Include + only if funds were made available by the municipality for the library's operating expenses
- A1f Federal Revenue Sharing: Enter "included in 1a" if the amount is already reported in "Municipal Appropriation" above.
- Include + only if made available by the municipality for the library's operating expenses
- p2 Box A Add lines A1a-f and place the sum to the right in Box A labeled "Total Appropriated Municipal Income."
- p2 A2 Trusts and Endowments
- Include + interest or other income from trusts and endowments received between 1 July 1981 - 30 June 1982. If some or all of your trust funds and/or endowments do not follow the July - June fiscal year, please indicate that on the bottom line of page 1.
- Exclude - income earmarked for capital programs and outlays  
- the principal of trusts and endowments
- p2 A3 Other Monies: Monies reported here should not be reported anywhere else on the application.

- A3a Gifts and Non-governmental Grants
- Include + monetary gifts
- + proceeds from fundraising projects such as book sales or consignment shops
  - + non-governmental grant monies received from organizations and foundations (such as Historical Society, Rotary Club, etc.)
- Exclude - estimated or fair market value of non-monetary gifts (such as books, paintings, furniture)
- state and federal governmental grant monies
- A3b LSCA (Library Services and Construction Act)
- Include + total grant monies received during FY82 for library operating expenses
- A3c Other Federal
- Include + with the exceptions noted below, federal grant monies received during FY82 for library operating expenses
- Exclude - federal revenue sharing
- LSCA
  - federally subsidized employment programs such as CETA, Green Thumb, and National Council of Senior Citizens' Senior Aides
  - federal income earmarked for capital programs and outlays
- A3d Other State
- Include + with the exception of the Library Incentive Grant, income from state government grants
- A3e Regional and Subregional Monies: This item applies only to the libraries contracting directly with the Board of Library Commissioners.
- Include + amount of state funds received for providing regional and subregional services
-

p2 B

TOTAL ANNUAL OPERATING EXPENDITURES

- include + expenditures and encumbrances from income reported in A1a-f (Total Appropriated Municipal Income) and A2 (Trusts and Endowments) above
- + expenditures, defined as the cost of goods delivered or services rendered
- + encumbrances, defined as a contingent liability in the form of purchase orders, contracts, or salary commitments which were not yet paid as of the last day of the fiscal year, but are to be paid out of FY82 Total Appropriated Municipal Income or Trusts and Endowments income. An example of an encumbrance is an order for books not yet received (or paid for) on the last day of the fiscal year, but for which funds are reserved (encumbered) to pay the bill when received. if in doubt as to whether or not a particular purchase order or other commitment is an encumbrance, check with your accountant.
- Exclude - expenditures and encumbrances from income reported in A3a-e (Other Monies) and C1a-b (Capital Programs and Outlays) above

p2 B1

Salaries

- include + expenditures and encumbrances from income reported in A1a-f (Total Appropriated Municipal Income) and A2 (Trusts and Endowments) above
- + total salaries paid all staff (full-time, part-time, seasonal, substitute, hourly, etc.) holding positions routinely included in the library budget year after year
- Exclude - contracted services such as maintenance
- salaries paid with federal monies (LSCA, CETA, etc.) other than federal revenue sharing
- salaries paid by other municipal departments
- pension and fringe benefit expenditures (if either or both are paid from the library's Total Appropriated Municipal Income and/or Trusts and Endowments income, include the amount expended in "Other Operating Expenditures" Box B3 below.)

p2 Box B1 Place the amount of salary expenditures/encumbrances to the right in Box B1 labeled "Total Salary Expenditures."

p2 B2a1-3 Library Print Materials

- include + expenditures and encumbrances from income reported in A1a-f (Total Appropriated Municipal Income) and A2 (Trusts and Endowments) above
- + for books, the amount expended and encumbered for books and other printed materials catalogued or made ready for use (processed) in the same manner as books
- + separate amounts for periodicals and microforms

p2 Total  
Box a

Add lines B2a1-3 and place the total below in the box labeled "Total Box a."

p2 B2b

**Library Non-Print and Additional Materials**

**Include**

- + expenditures and encumbrances for income reported in A1a-f (Total Appropriated Municipal Income) and A2 (Trusts and Endowments) above
- + audio recordings (disc, reel-to-reel tape, and cassette audio recordings)
- + 8 and 16mm films if they are part of the library's permanent collection
- + other AV materials which require the use of special equipment to be seen or heard
- + additional non-book library materials which do not require the use of special equipment to be seen or heard, e.g. maps, art prints, globes, vertical file material, and games

p2 Box B2

Add the amounts reported in "Total Box a" (Library Print Materials) and on line B2b (Library Non-Print and Additional Materials) and place the total to the right in Box B2 labeled "Total Materials Expenditures."

i p2 B3

**Other Operating Expenditures**

51 i

**Include expenditures and encumbrances:**

- + from income reported in A1a-f (Total Appropriated Municipal Income) and A2 (Trusts and Endowments) above
- + for all purposes other than salaries and materials
- + for items such as the following, for example, if their cost is covered by the library's Total Appropriated Municipal Income and/or Trusts and Endowments income:
  - maintenance of plant
  - electricity
  - telephone
  - equipment and film rentals
  - contracted services
  - supplies
  - postage
  - fees for speakers
  - blinding and reblinding
  - pension and fringe benefit costs

**Exclude**

- expenditures and encumbrances from income reported in A3a-e (Other Monies) and C1a-b (Capital Programs and Outlays) above

p2 Box B3 Place the amount to the right in Box B3 labeled "Other Operating Expenditures."

p2 Box B Total Operating Expenditures

Add Boxes B1, B2, and B3 and place the total to the right in Box B labeled "Total Operating Expenditures."

p2 C CAPITAL PROGRAMS AND OUTLAYS

p2 C1 INCOME (Capital)

Include + income for capital programs or outlays, generally defined as resulting in the acquisition of, or addition to, fixed assets which will remain usable in excess of one year. Municipalities often have their own definition of what constitutes a capital program or outlay. If available, use the municipality's definition or that of the Board of Trustees.

C1a Municipal Appropriation (Capital)

Include + appropriations from municipal funds for capital programs and outlays as defined by your Board or municipality

C1b Other Income (Capital)

Include + income for capital programs and outlays from, for example, the following sources:

- Library Incentive Grant (if not in C1a)
- Federal Revenue Sharing (if not in C1a)
- Interest from trusts and endowments
- monetary gifts
- Friends of the Library
- federal monies
- state monies

p2 Box C1 Add lines C1a and b and place the sum in the box below labeled C1.

p2 C2 Expenditures (Capital)

Include + all expenditures and encumbrances for capital programs and outlays taken from the sources of income listed above in C1a and b

p2 Box C2 Place the sum of all such expenditures and encumbrances to the right in the box labeled C2.

# HOLDINGS AND CIRCULATION INFORMATION FOR FY82

## A. HOLDINGS

### 1. LIBRARY PRINT MATERIALS

- a. Volumes Owned.....
- b. Volumes of Bound Periodicals.....
- c. Periodical Subscriptions Rec'd.....
- d. Physical Units of Microforms.....

### 2. LIBRARY NON-PRINT & ADDITIONAL MATERIALS

- a. Audio Recordings.....
- b. Films 8mm.....
- c. Films 16mm.....
- d. Filmstrips.....
- e. Slide Sets.....
- f. Videotapes:.....reels \_\_\_\_\_ + cassettes \_\_\_\_\_ =
- g. Multi-media Kits.....
- h. Art Prints .....
- i. Other.....

TOTAL A

## B. CIRCULATION

### 1. LIBRARY PRINT MATERIALS

- a. Direct Circulation to Users.....
- b. Circulation from other Libraries to Users (ILL).....
- c. Circulation to other Libraries (ILL).....

### 2. LIBRARY NON-PRINT & ADDITIONAL MATERIALS

- a. Audio recordings.....
- b. Films 8mm.....
- c. Films 16mm.....
- d. Filmstrips.....
- e. Slide Sets.....
- f. Videotapes:.....reels \_\_\_\_\_ + cassettes \_\_\_\_\_ =
- g. Multi-media Kits.....
- h. Art prints.....
- i. Other.....

TOTAL B

Data reported on this page should be for FY82, covering the 12-month period between July 1, 1981 and June 30, 1982. If data are reported for another 12-month period, please supply inclusive dates here \_\_\_\_\_.



ANNUAL REPORT INFORMATION SURVEY INSTRUCTIONS

HOLDINGS AND CIRCULATION INFORMATION FOR FY82

A1 HOLDINGS: LIBRARY PRINT MATERIALS

A1a Volumes Owned: Count one for each volume (i.e. physical unit, either hard or soft bound) owned by the library in its catalogued collection of books and related printed materials catalogued or processed in the same manner as books.

A1b Volumes of Bound Periodicals: Count, according to the method used in your library, the number of volumes of hardbound periodicals owned by the library. Report "0" if the library does not own any volumes of bound periodicals.

A1c Periodical Subscriptions Received: Count one for each title, excluding duplicate subscriptions.

A1d Physical Units of Microforms: Count one for each roll of microfilm or each card of microfiche.

A2 HOLDINGS: LIBRARY NON-PRINT & ADDITIONAL MATERIALS: For each of the media listed, count materials separately by title, including one for each titled part of a series.

A2a Audio recordings: Include discs, reel-to-reel tapes, and cassettes.

A2b-c Films 8mm and 16mm: Count only those owned by the library.

A2d-e Filmstrips and Slide Sets: Include sound and silent.

A2f Video tapes: Include, if possible, a separate figure for permanent reel-to-reel tapes and cassette tapes, either commercially or non-commercially produced. Also, please provide a total count of all video tapes (excluding, of course, blank tapes).

A2g Multi-Media Kits: A kit is a variety of media formats (usually a minimum of 3) gathered and integrated into a unit such that the varied components overlap and reinforce the value of each other. Count one for each kit title.

A2h Art Prints: Include framed art prints. Do not include individual photographs or clippings.

A2i Other: Include materials not listed individually such as globes, games, puzzles, toys, realia, maps, vertical file material, etc. Count one for each drawer of vertical file material; for all other items count or estimate one for each title.

Add lines A1a and A2a-h, placing the figure below on the dark line labeled "TOTAL A." Do not include lines A1b-d and A2i in the total.



B1 CIRCULATION: LIBRARY PRINT MATERIALS

- B1a Direct Circulation to Users: Count one for each book or issue of a periodical lent from the collection to users, and one for each renewal, including circulation from bookmobiles operated by the library. Circulation of materials owned by the regional public library system should also be included in this count.
- B1b Circulation from Other Libraries to Users (ILL): Count one for each book or issue of a periodical received from another library's collection and circulated to users, and one for each renewal. This figure should reflect the interlibrary loans received by the library.
- B1c Circulation To Other Libraries (ILL): Count one for each book or issue of a periodical loaned to another library, and one for each renewal.

B2 CIRCULATION: LIBRARY NON-PRINT & ADDITIONAL MATERIALS

- B2a-i Count one for each title lent from the library's own collection, or received from the regional public library system or from another library's collection and lent to users or another library, and one for each renewal.

Add lines B1a-c and B2a-h, placing the figure below on the dark line labeled "TOTAL B." Do not include line B2i in the total.

If you have any questions, please call the Planning and Research Unit staff at 1-800-952-7403 or 267-9400.



# Municipal Index to Population Groups

<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>
ABINGTON	IV	BARRE	II	BREWSTER	III
ACTON	IV	BECKET	I	BRIDGEWATER	IV
ACUSHNET	III	BEDFORD	IV	BRIMFIELD	II
ADAMS	IV	BELCHERTOWN	III	BROCKTON	VI
AGAWAM	V	BELLINGHAM	IV	BROOKFIELD	II
ALFORD	I	BELMONT	V	BROOKLINE	VI
AMESBURY	IV	BERKLEY	II	BUCKLAND	I
AMHERST	V	BERLIN	II	BURLINGTON	IV
ANDOVER	V	BERNARDSTON	I	CAMBRIDGE	VI
ARLINGTON	V	BEVERLY	V	CANTON	IV
ASHBURNHAM	II	BILLERICA	V	CARLISLE	II
ASHBY	II	BLACKSTONE	III	CARVER	III
ASHFIELD	I	BLANDFORD	I	CHARLEMONT	I
ASHLAND	III	BOLTON	II	CHARLTON	III
ATHOL	IV	BOSTON	VII	CHATHAM	III
ATTLEBORO	V	BOURNE	IV	CHELMSFORD	V
AUBURN	IV	BOXBOROUGH	II	CHELSEA	V
AVON	III	BOXFORD	III	CHESHIRE	II
AYER	III	BOYLSTON	II	CHESTER	I
BARNSTABLE	V	BRAINTREE	V	CHESTERFIELD	I

<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>
CHICOPEE	VI	DUNSTABLE	I	FRANKLIN	IV
CHILMARK	I	DUXBURY	IV	FREETOWN	III
CLARKSBURG	I	EAST BRIDGEWATER	III	GARDNER	IV
CLINTON	IV	EAST BROOKFIELD	I	GAY HEAD	I
COHASSET	III	EAST LONGMEADOW	IV	GEORGETOWN	III
COLRAIN	I	EASTHAM	II	GILL	I
CONCORD	IV	EASTHAMPTON	IV	GLOUCESTER	V
CONWAY	I	EASTON	IV	GOSHEN	I
CUMMINGTON	I	EDGARTOWN	II	GOSNOLD	I
DALTON	III	EGREMONT	I	GRAFTON	IV
DANVERS	IV	ERVING	I	GRANBY	III
DARTMOUTH	IV	ESSEX	II	GRANVILLE	I
DEDHAM	V	EVERETT	V	GREAT BARRINGTON	III
DEERFIELD	II	FAIRHAVEN	IV	GREENFIELD	IV
DENNIS	IV	FALL RIVER	VI	GROTON	III
DIGHTON	III	FALMOUTH	IV	GROVELAND	III
DOUGLAS	II	FITCHBURG	V	HADLEY	II
DOVER	II	FLORIDA	I	HALIFAX	III
DRACUT	IV	FOXBOROUGH	IV	HAMILTON	III
DUDLEY	III	FRAMINGHAM	VI	HAMPDEN	II

<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>
HANCOCK	I	HULL	III	LUNENBURG	III
HANOVER	IV	HUNTINGTON	I	LYNN	VI
HANSON	III	IPSWICH	IV	LYNNFIELD	IV
HARDWICK	II	KINGSTON	III	MALDEN	VI
HARVARD	IV	LAKEVILLE	III	MANCHESTER	III
HARWICH	III	LANCASTER	III	MANSFIELD	IV
HATFIELD	II	LANESBOROUGH	II	MARBLEHEAD	IV
HAVERHILL	V	LAWRENCE	VI	MARION	II
HEATH	I	LEE	III	MARLBOROUGH	V
HINGHAM	IV	LEICESTER	III	MARSHFIELD	IV
HINSDALE	I	LENOX	III	MASHPEE	II
HOLBROOK	IV	LEOMINSTER	V	MATTAPOISETT	III
HOLDEN	IV	LEVERETT	I	MAYNARD	III
HOLLAND	I	LEXINGTON	V	MEDFIELD	IV
HOLLISTON	IV	LEYDEN	I	MEDFORD	VI
HOLYOKE	V	LINCOLN	III	MEDWAY	III
HOPEDALE	II	LITTLETON	III	MELROSE	V
HOPKINTON	III	LONGMEADOW	IV	MENDON	II
HUBBARDSTON	I	LOWELL	VI	MERRIMAC	II
HUDSON	IV	LUDLOW	IV	METHUEN	V

<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>
MIDDLEBOROUGH	IV	NEW MARLBOROUGH	I	ORANGE	III
MIDDLEFIELD	I	NEW SALEM	I	ORLEANS	III
MIDDLETON	II	NEWBURY	II	OTIS	I
MILFORD	IV	NEWBURYPORT	IV	OXFORD	IV
MILLBURY	IV	NEWTON	VI	PALMER	IV
MILLIS	III	NORFOLK	III	PAXTON	II
MILLVILLE	I	NORTH ADAMS	IV	PEABODY	V
MILTON	V	NORTH ANDOVER	IV	PELHAM	I
MONROE	I	NORTH ATTLEBORO	IV	PEMBROKE	IV
MONSON	III	NORTH BROOKFIELD	II	PEPPERELL	III
MONTAGUE	III	NORTH READING	IV	PERU	I
MONTEREY	I	NORTHAMPTON	V	PETERSHAM	I
MONTGOMERY	I	NORTHBOROUGH	IV	PHILLIPSTON	I
MT. WASHINGTON	I	NORTHBRIDGE	IV	PITTSFIELD	VI
NAHANT	II	NORTHFIELD	II	PLAINFIELD	I
NANTUCKET	III	NORTON	IV	PLAINVILLE	III
NATICK	V	NORWELL	III	PLYMOUTH	V
NEEDHAM	V	NORWOOD	V	PLYMPTON	I
NEW BEDFORD	VI	OAK BLUFFS	I	PRINCETON	II
NEW BRAINTREE	I	OAKHAM	I	PROVINCETOWN	II



<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>
QUINCY	VI	SAVOY	I	STOCKBRIDGE	II
RANDOLPH	V	SCITUATE	IV	STONEHAM	IV
RAYNHAM	III	SEEKONK	IV	STOUGHTON	V
READING	IV	SHARON	IV	STOW	III
REHOBOTH	III	SHEFFIELD	II	STURBRIDGE	III
REVERE	V	SHELBURNE	II	SUDBURY	IV
RICHMOND	I	SHERBORN	II	SUNDERLAND	II
ROCHESTER	II	SHIRLEY	III	SUTTON	III
ROCKLAND	IV	SHREWSBURY	IV	SWAMPSCOTT	IV
ROCKPORT	III	SHUTESBURY	I	SWANSEA	IV
ROWE	I	SOMERSET	IV	TAUNTON	V
ROWLEY	II	SOMERVILLE	VI	TEMPLETON	III
ROYALSTON	I	SOUTH HADLEY	IV	TEWKSBURY	IV
RUSSELL	I	SOUTHAMPTON	II	TISBURY	II
RUTLAND	II	SOUTHBOROUGH	III	TOLLAND	I
SALEM	V	SOUTHBRIDGE	IV	TOPSFIELD	III
SALISBURY	III	SOUTHWICK	III	TOWNSEND	III
SANDISFIELD	I	SPENCER	IV	TRURO	I
SANDWICH	III	SPRINGFIELD	VII	TYNGSBORO	III
SAUGUS	IV	STERLING	III	TYRINGHAM	I

<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>
UPTON	II	WEST NEWBURY	II	WINCHESTER	IV
UXBRIDGE	III	WEST SPRINGFIELD	V	WINDSOR	I
WAKEFIELD	IV	WEST STOCKBRIDGE	I	WINTHROP	IV
WALES	I	WEST TISBURY	I	WOBURN	V
WALPOLE	IV	WESTBOROUGH	IV	WORCESTER	VII
WALTHAM	VI	WESTFIELD	V	WORTHINGTON	I
WARE	III	WESTFORD	IV	WRENTHAM	III
WAREHAM	IV	WESTHAMPTON	I	YARMOUTH	IV
WARREN	II	WESTMINSTER	III		
WARWICK	I	WESTON	IV		
WATERTOWN	V	WESTPORT	IV		
WAYLAND	IV	WESTWOOD	IV		
WEBSTER	IV	WEYMOUTH	VI		
WELLESLEY	V	WHATELY	I		
WELLFLEET	II	WHITMAN	IV		
WENDELL	I	WILBRAHAM	IV		
WENHAM	II	WILLIAMSBURG	II		
WEST BOYLSTON	III	WILLIAMSTOWN	III		
WEST BRIDGEWATER	III	WILMINGTON	IV		
WEST BROOKFIELD	II	WINCHENDON	III		







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DECEMBER 1983

MASSACHUSETTS BOARD OF LIBRARY COMMISSIONERS  
648 Beacon Street Boston, MA 02215

Comparative Public  
Library Report

**DATA FOR  
MASSACHUSETTS FY 83**





# FY83 COMPARATIVE PUBLIC LIBRARY REPORT: REGIONAL ADDENDUM

Average Per Capita Figures for All Reporting Municipalities  
By Population Group and Regional Affiliation for 7 Indicators of Library Support and Activity

## I N D I C A T O R S

Population Group	Total Library Operating Income \$				Appropriated Municipal Operating Income \$				Total Library Operating Expenditures \$				Salary Expenditures \$				Material Expenditures \$			
	C	E	W	Pop Group	C	E	W	Pop Group	C	E	W	Pop Group	C	E	W	Pop Group	C	E	W	Pop Group
1,999	8.42	14.35	5.67	7.06	5.82	12.80	4.69	5.80	7.44	13.42	5.20	6.47	3.24	7.25	2.39	3.08	2.28	3.96	1.48	1.88
1,000-4,999	8.12	12.87	6.33	9.65	6.88	12.08	5.95	8.80	7.92	12.49	6.06	9.36	4.17	7.43	3.47	5.34	2.06	3.01	1.56	2.33
5,000-9,999	8.39	9.68	8.02	9.04	7.49	9.06	7.33	8.34	7.97	9.42	7.85	8.76	5.01	5.92	4.57	5.44	1.79	2.16	1.78	2.00
10,000-24,999	10.52	11.44	10.26	11.16	9.67	10.71	9.80	10.43	9.95	11.13	10.00	10.81	6.42	7.61	6.80	7.32	1.92	2.09	1.73	2.03
25,000-49,999	11.65	12.03	10.02	11.71	10.88	11.14	8.65	10.76	11.68	11.75	9.78	11.45	7.99	8.12	6.44	7.86	1.82	1.90	1.66	1.86
50,000-99,999	----	9.62	7.83	9.47	----	9.24	7.66	9.11	----	9.41	7.87	9.29	----	7.00	6.21	6.94	----	1.35	0.96	1.32
100,000+	14.33	20.85	18.17	19.18	13.36	20.35	16.42	18.38	13.00	19.98	18.17	18.38	9.58	13.00	13.69	12.49	1.76	2.97	2.33	2.64
REGIONAL/ ALL GROUPS	10.94	12.25	10.76	11.89	10.01	11.62	9.78	11.18	10.31	11.91	10.59	11.54	6.87	8.18	7.36	7.91	1.86	1.97	1.71	1.92

For financial indicators:

C (Central Region) represents 61 reporting municipalities with a 1980 federal census of 671,528

E (Eastern Region) represents 171 reporting municipalities with a 1980 federal census of 4,163,043

W (Western Region) represents 82 reporting municipalities with a 1980 federal census of 152,155

continued on REVERSE

FY83 COMPARATIVE PUBLIC LIBRARY REPORT: REGIONAL ADDENDUM

Average Per Capita Figures for All Reporting Municipalities  
By Population Group and Regional Affiliation for 7 Indicators of Library Support and Activity (cont'd)

----- I N D I C A T O R S -----								
Population Group	Total Holdings			Pop Group	Total Circulation			Pop Group
	C	E	W		C	E	W	
I 1-1,999	8.76	13.45	8.05	8.74	8.09	10.95	6.73	7.37
II 2,000-4,999	5.12	6.57	8.21	6.48	6.17	9.54	7.25	7.79
III 5,000-9,999	4.18	4.44	5.11	4.48	6.00	7.18	5.89	6.64
IV 10,000-24,999	3.28	4.07	3.53	3.87	6.55	7.62	7.88	7.46
V 25,000-49,999	3.90	3.97	4.80	4.09	6.06	6.43	6.41	6.41
VI 50,000-99,999	----	3.46	2.78	3.41	----	4.27	5.89	4.40
VII 100,000+	5.42	9.25	4.82	7.77	4.37	2.89	6.20	3.74
REGIONAL/ ALL GROUPS	4.25	4.64	4.69	4.60	5.86	5.72	6.59	5.86

for holdings and circulation data:

C (Central Region) represents 62 reporting municipalities with a 1980 federal census of 678,642

E (Eastern Region) represents 173 reporting municipalities with a 1980 federal census of 4,192,547

W (Western Region) represents 88 reporting municipalities with a 1980 federal census of 775,752

Sources: FY84 LIG Applications, 1983 Annual Report Information Surveys

Compiled by the Massachusetts Board of Library Commissioners, Planning and Research Unit, December 1983.

DECEMBER 1983

MASSACHUSETTS BOARD OF LIBRARY COMMISSIONERS  
648 Beacon Street Boston, MA 02215

Comparative Public  
Library Report

# DATA FOR MASSACHUSETTS FY83

Printed with LSCA Title I funds

The activity which is the subject of this report was supported in part by the U.S. Department of Education. However, the opinions expressed herein do not necessarily reflect the position or policy of the U.S. Department of Education, and no official endorsement by the U.S. Department of Education should be inferred.

# Contents

Introduction.....	page 1
Statewide Data.....	5
Usage Notes.....	7

## Section One: Summary Tables

Table A	Total Annual Operating Income Per Capita.....	13
Table B	Municipal Appropriation Per Capita.....	14
Table C	Total Operating Expenditures Per Capita.....	14
Table D	Salary Expenditures Per Capita.....	15
Table E	Salary Expenditures as Percent of Total Operating Expenditures.....	15
Table F	Materials Expenditures Per Capita.....	16
Table G	Materials Expenditures as Percent of Total Operating Expenditures.....	16
Table H	Holdings Per Capita.....	17
Table I	Circulation Per Capita.....	17

## Section Two: Data for Individual Municipalities

Population Group I	(1 - 1,999).....	20
Population Group II	(2,000 - 4,999).....	24
Population Group III	(5,000 - 9,999).....	28
Population Group IV	(10,000 - 24,999).....	32
Population Group V	(25,000 - 49,999).....	38
Population Group VI	(50,000 - 99,999).....	41
Population Group VII	(100,000 + ).....	43

## Section Three: Survey Instruments

FY84 Library Incentive Grant Application, Page 2 and Instructions.....	46
Annual Report Information Survey, Last Page and Instructions.....	54

Municipal Index to Population Groups.....	58
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# Introduction

This statistical report is designed to facilitate the comparison of FY83 support and activity levels among public libraries and, in combination with past issues, to contribute to longitudinal analysis undertaken by individual libraries. Using data reported on the FY84 Library Incentive Grant Application and the Annual Report Information Survey forms, indicators of library support and activity are identified and percentage and per capita figures are computed for reporting municipalities.

With few exceptions, financial, collection, and hours open data are for the twelve month period ending June 30, 1983. Twenty-four libraries reported holdings and/or circulation data for another period, most frequently, for calendar year 1982. The work week and full-time equivalents (FTE) data are reported as of July 1, 1983.

The report reflects financial and hours open data for 314 or 90% of the 347 municipalities with public libraries. A total of 322 or 93% of the municipalities supplied holdings, circulation, work week, and staffing data. The four municipalities without public libraries are not listed in the report. They are Hawley, population

280, population rank 345; Montgomery, population 637, rank 332; New Ashford, population 159, rank 349; and Washington, population 587, rank 336.

## ARRANGEMENT OF THE REPORT

The report is arranged in three sections: Summary Tables, Municipal Tables, and the survey forms. Statewide data for selected indicators follow the Introduction. The Usage Notes preceding the Summary Tables illustrate how those tables may be used. They also contain a formula for calculating percentiles not appearing in the Summary Tables.

### Section One: Summary Tables

The summary tables display the mean (average), median, and the 10th, 25th, 75th, and 90th percentile values of nine indicators for population groups I through VI. Because of the small number of municipalities in group VI, the percentiles for this group should be considered estimates only.

Means, medians, and percentiles are superfluous for group VII, the three municipalities with populations in excess of 100,000. Data for these



municipalities appear in the municipal tables only.

### Section Two: Municipal Tables

The municipal tables contain data for individual municipalities arranged in seven population groups based on the 1980 federal census as reported in March 1981. See the Index to determine in which population group a municipality falls.

### INDICATORS OF LIBRARY SUPPORT & ACTIVITY

For municipalities with more than one library system receiving public funds, excepting Cohasset, Hardwick, and Pembroke, this report reflects the combined levels of library support and activity for all reporting libraries within that municipality.

Only Cohasset's Paul Pratt Memorial Library and Pembroke's Public Library provided data for those municipalities. Only the Paige Memorial Library supplied work week, holdings, circulation, and FTE figures for Hardwick.

The emphasis of the report is municipal data. Therefore, the state funds received by libraries that contract with the Board of Library Commissioners to provide regional services are omitted from the report.

Only two categories of federal and state funds have been included in the report. Libraries were asked to include federal

revenue sharing and the Massachusetts Library Incentive Grant monies in their income and expenditure figures.

In addition to 1980 population, 1980 population rank, and regional system affiliation (Central, Eastern, or Western), the following library data appear in this order in the municipal tables: Total Operating Income Per Capita; Appropriated Municipal Income Per Capita; Total Operating Expenditures Per Capita; Salary Expenditures Per Capita and as a Percent of Total Operating Expenditures; Materials Expenditures Per Capita and as a Percent of Total Operating Expenditures; Holdings Per Capita; Circulation Per Capita; Hours Open in the Winter and Summer; Hours in the Work Week; and Full-Time Equivalents of staff excluding CETA staff.

The Total Operating Income data are not comparable in terms of categories of income and access to the income. The income components depend on the municipality and the manner of reporting. For example, Total Operating Income may reflect all or some of the components of Appropriated Municipal Income plus trust or endowment income, and/or income from monetary gifts or miscellaneous sources.

The discretion with which trust and/or endowment income may be expended varies widely among libraries depending on the fund restrictions. Some funds, for example, restrict expenditures to

materials on a relatively narrow topic. As a result, a library's operating income will appear inflated until selected materials complying with the fund requirements are acquired.

Print and non-print data are combined in the Holdings and Circulation indicators. As in last year's report, each of these indicators' per capita figures is based on the respondents' raw data.

Hours Open, Winter and Summer, displays the number of hours in an average week that the library was open in FY83. Hours for branch libraries are included if they do not overlap main library hours.

Hours in the Work Week, for larger libraries, is the number of hours typically worked per week by a full-time employee. For smaller libraries with only part-time staff, the figure is the greatest number of hours worked in a typical week by a salaried staff member.

The full-time equivalents (FTE) reflect paid staff, excluding CETA, and are equalized for a 35 hour work week. To reflect the staffing levels of libraries with a work week greater than 35 hours more accurately, the total hours of full-time employees are divided by 35. Thus, libraries with work weeks greater than 35 hours will have more than 1.0 FTE for each full-time employee. In prior reports, each full-time staff member was counted as one FTE regardless of the local full-time work week. As a

result, the FTE for libraries with a work week of more than 35 hours were underrepresented. For example, five full-time personnel in a library with a 40 hour work week would have appeared as 5.0 FTE in prior reports versus 5.7 FTE in this report. Statewide, such underrepresentation amounted to approximately 87 FTE last year. For part-time staff, the full-time equivalents are based on a 35 hour work week.

The comparability of some of the statistics available in this report would be improved with more detailed knowledge of the components included in total operating expenditures. While such information is not consistently available for FY83 data, responses to a question on the FY78 Statistics of Public Libraries form indicated that the total operating expenditures for a number of libraries did not include such high cost items as building maintenance, heat, and utilities. This was confirmed by the FY80 Energy Expenditure and Conservation Survey. Readers wishing to review the FY78 data should consult the March 1979 issue of Mediawrite, page six or, for both FY78 and 80 data, contact the Planning and Research Unit.

#### LIBRARY INCENTIVE GRANT PROGRAM

The compilation of data for this report may not necessarily correspond to the data used to determine compliance with minimum standards for the FY84 Library Incentive Grant Program.

## STATEWIDE DATA

Data for selected financial and collection indicators are shown for the last three fiscal years with per capita based on the population served by the libraries responding each year.

FTE for CETA staff could not be isolated from non-CETA FTE for July 1, 1981 data. For that reason, the statewide FTE for 1981-83 include CETA whereas the FTE displayed in the municipal tables exclude CETA staff. Additionally, each year's FTE figures have been equalized to reflect a consistent 35 hour FTE.

The agency welcomes comments and suggestions from users of the report.

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STATISTICS OF PUBLIC LIBRARIES STATEWIDE SUMMARY FOR SELECTED INDICATORS, FY 81-83

(per capita figures in parentheses)

FY <sup>a</sup>	No. of Reptg Libs. <sup>b</sup>	No. of Reptg Muns. <sup>b</sup>	Total Operating Income \$	Appropriated Municipal Income \$	Total Operating Expenditures \$	Salary Expenditures \$	Materials Expenditures \$	Holdings	Circulation	FTE (with CETA)
1981	357	326	64,499,939 (11.40)	61,660,109 (10.90)	63,237,725 (11.18)	43,367,328 ( 7.67)	10,233,806 ( 1.81)	25,763,400 ( 4.55)	35,253,800 ( 6.23)	3369.9 <sup>c</sup>
1982	349	319	60,930,302 (10.85)	57,379,771 (10.22)	59,513,445 (10.60)	41,201,035 ( 7.34)	9,111,205 ( 1.62)	25,683,464 <sup>d</sup> ( 4.54)	32,996,215 <sup>e</sup> ( 5.92)	3393.0 <sup>d</sup>
1983	341	314	66,446,313 (11.89)	62,451,848 (11.18)	64,449,491 (11.54)	44,215,363 ( 7.91)	10,721,444 ( 1.92)	25,974,565 <sup>f</sup> ( 4.60)	33,070,066 <sup>f</sup> ( 5.86)	3504.7 <sup>f</sup>
81-82	% CHANGE IN PER CAPITA FIGURES		-4.82	-6.24	-5.19	-4.30	-10.50	-0.22	-4.98	0.65%
82-83			9.59	9.39	8.87	7.77	18.52	1.32	-1.01	0.71%
81-83			4.30	2.57	3.22	3.13	6.08	1.09	-5.94	1.37%

Per capita figures are based on the population (1980 U.S. census) of municipalities served by responding libraries.

FY81, population served by responding libraries = 5,656,698

FY82, population served by responding libraries for financial indicators = 5,615,381

for holdings data = 5,661,715

for circulation data = 5,569,297

FY83, population served by responding libraries for financial indicators = 5,586,706

for holdings and circulation data = 5,644,210

a. Fiscal year applies to all indicators except FTE which are reported as of July 1 of each year

b. Reporting financial data

c. FTE figure based on 353 libraries reporting from 322 municipalities

d. Holdings and FTE data based on 357 libraries reporting from 327 municipalities

e. Circulation based on 356 libraries reporting from 326 municipalities

f. Holdings, circulation, and FTE data based on 349 libraries reporting from 322 municipalities



# Usage Notes

The statistical measures applied to each indicator of library support and activity in the Summary Tables are:

**The Mean** a measure of central tendency which is commonly termed the "average." It is derived by dividing the sum of all the values in any particular group of data by the number of values included in that total.

**Percentile Rank** describes the position of a value in its distribution, indicating the percent of cases in a distribution falling at or below the value of an indicator. For example, the library of a hypothetical municipality has a per capita operating expenditure of \$6.00 and a corresponding percentile rank of 25. This indicates that 25% of the municipalities in the population group have the same or smaller per capita operating expenditure than the sample library.

**The Median** the popular term for the 50th percentile; is equal to the value of an indicator at or below which 50% of the values fall. The value of the median differs from the value of the mean when the distribution of the values of an indicator is not regular, but rather skewed or piled at either end of the range. When there is considerable difference between the median and the mean, the median is generally thought of as being the more valid measure of central tendency.

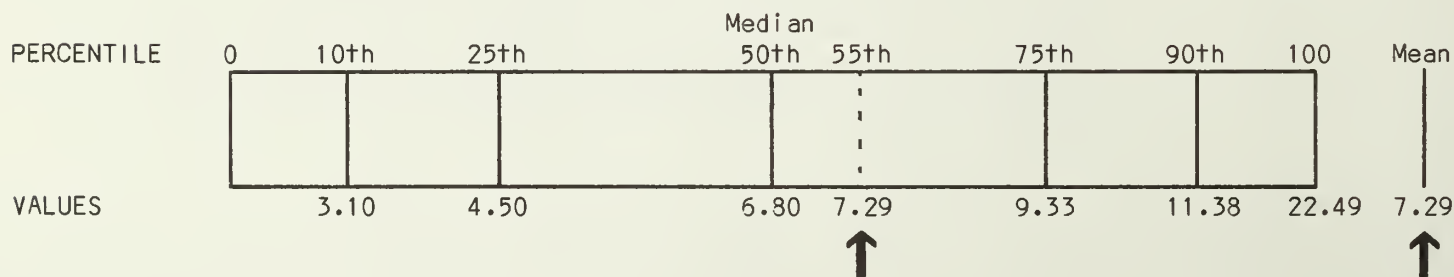
As mentioned in the introduction, percentiles are not the most descriptive measures when the sample size is small such as in population group VI. This is especially evident in Tables E and G. In Table G, for example, 12% is displayed as the value of both the 10th and 25th percentiles for the last population group. This is the result of a small sample (18) in combination with a small range of values (8) consisting of rounded whole numbers.

Constructed below are hypothetical library situations designed to illustrate how the Summary Tables may be used to compare a municipality with those in its population group or in other population groups.

**Example A:** In some instances, the value of an indicator may fall between the displayed values of a statistical measure, for example, between the median (50th percentile) and the 75th percentile.

For a library in a hypothetical municipality in the 10,000 to 24,999 population group (group IV), salary expenditures are equal to \$7.29 per capita.

From Summary Table D, we see that 7.29 falls between the values of the median (6.80) and the 75th percentile (9.33). We can estimate that for the library in our hypothetical municipality, salary expenditures per capita are equal to or greater than 55% of the municipalities reporting in this population group.





Undisplayed percentile ranks may be calculated by the shorthand interpolation procedure used to compute the 55th percentile in Example A. This was done by:

- a - Finding the difference between the displayed values falling above (9.33) and below (6.80) our hypothetical value (7.29). The difference is 2.53 salary expenditures dollars per capita.
- b - Finding the difference between our hypothetical value (7.29) and the displayed value falling below it (6.80). The difference is .49 salary expenditures dollars per capita.
- c - Determining the ratio of the latter total to the former (.49 divided by 2.53), which equals .194.
- d - Finding the difference between the displayed percentiles corresponding to the displayed values falling above and below our hypothetical value (7.29). In our example, the difference between the corresponding percentiles (75th and median/50th) is 25 percentile units.
- e - Interpolating the ratio from the values line to the difference between the displayed percentiles. In our example, the ratio is .194 (see c above) and the difference between the percentiles is 25 (see d above).  $.194 \times 25 = 4.85$  percentile units.
- f - Adding the interpolated percentile units to the displayed percentile falling below our hypothetical value to arrive at the estimated percentile rank of our hypothetical library. In our example,  $4.85 + 50 = 54.85 = 55\text{th percentile}$ .

It should be noted that this procedure assumes that the size of the intervals between values is constant throughout the distribution. Quite often there is slight variability in their size, so that ranks computed by this method must be considered estimates.

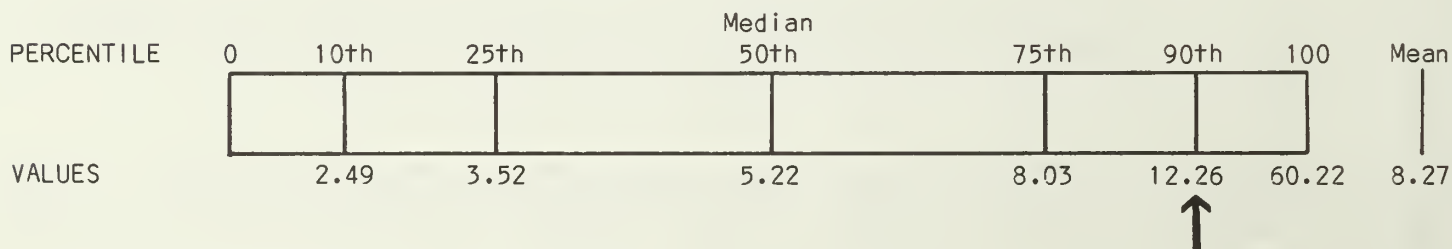
For each indicator it is most useful to review the results of the statistical measures in conjunction with one another.

Another look at Summary Table D indicates that the hypothetical library mentioned in Example A has a salary expenditures per capita figure equal to the mean figure (7.29) of the population group.

Therefore, while we may say that salary expenditures per capita are equal to the "average" for this population group, it remains true that for our hypothetical municipality, per capita salary expenditures are greater than or equal to 55% of the reporting municipalities in this population group.

Example B: In some cases, percentile values may be used effectively to qualify the minimal information provided by the range of values for an indicator and population group. For example, a library in a hypothetical municipality in the 1 to 1,999 population group (group 1) could have a total operating income of \$12.26 per capita.

From Summary Table A, we see that 12.26 equals the value of the 90th percentile and falls approximately one fifth of the way between the range of total operating incomes per capita (.10 through 60.22) of all reporting libraries in this population group.



We may say, therefore, that even though the hypothetical library's total operating income per capita is only about one fifth as much as that of the library with the highest value in the population group (\$60.22), it still has a total operating income per capita greater than or equal to that of 90% of the libraries in this population group.

Readers need not restrict themselves to comparisons within the seven population groups used for this report. For libraries serving populations in the upper and lower ends of these groups, it may be more useful to construct different groups containing libraries serving more similarly sized populations. The population rank provided in the Municipal Tables may be used to select municipalities of similar population size.

Likewise, readers need not restrict themselves to using population served as the basis of comparison among libraries. Any indicator in the report may be used to group similar libraries and to form the basis of comparison among them. From the Municipal Tables, a reader may identify municipalities having similar values for one or more of the support and activity indicators and thereby establish a group of similar libraries, regardless of population served.



# Section One: Summary Tables

TABLE A - TOTAL ANNUAL OPERATING INCOME PER CAPITA (\$)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1983

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0.10 - 60.22	2.49	3.52	5.22	8.03	12.26	8.27
2,000 - 4,999	46	1.75 - 22.78	3.58	5.86	7.66	13.44	16.97	9.61
5,000 - 9,999	67	1.24 - 27.90	3.61	5.75	8.94	12.12	13.94	9.10
10,000 - 24,999	86	3.64 - 34.33	5.42	6.65	9.70	13.68	18.39	11.13
25,000 - 49,999	40	2.70 - 27.14	6.15	8.98	10.71	14.44	19.62	12.18
50,000 - 99,999	18	4.43 - 24.69	4.88	6.98	8.40	10.22	14.07	9.67

TABLE B - MUNICIPAL APPROPRIATION PER CAPITA (\$)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1983

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0.10 - 50.07	1.83	3.00	4.29	6.97	9.34	6.86
2,000 - 4,999	46	1.73 - 21.78	3.34	4.94	7.35	12.57	15.29	8.74
5,000 - 9,999	67	1.06 - 27.76	3.42	4.74	7.79	10.74	13.03	8.39
10,000 - 24,999	86	1.00 - 25.12	4.78	6.30	9.70	13.19	17.03	10.40
25,000 - 49,999	40	1.04 - 27.14	6.15	7.12	9.86	12.90	19.56	11.25
50,000 - 99,999	18	4.30 - 24.15	4.76	6.53	7.91	9.55	13.54	9.31

TABLE C - TOTAL OPERATING EXPENDITURES PER CAPITA (\$)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1983

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0.10 - 52.85	2.38	3.45	5.14	7.67	11.18	7.50
2,000 - 4,999	46	1.40 - 22.57	3.58	5.82	7.16	13.00	16.18	9.32
5,000 - 9,999	67	1.24 - 27.90	3.53	5.17	8.78	11.61	13.86	8.83
10,000 - 24,999	86	3.34 - 33.46	5.32	6.38	9.70	13.34	17.49	10.78
25,000 - 49,999	40	2.70 - 27.14	6.15	8.16	10.65	14.41	19.26	11.93
50,000 - 99,999	18	4.20 - 24.61	4.63	6.92	8.31	10.04	13.50	9.49

TABLE D - SALARY EXPENDITURES PER CAPITA (\$)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1983

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0.00 - 27.46	0.31	1.27	2.30	4.11	5.20	3.54
2,000 - 4,999	46	0.77 - 15.28	1.61	2.79	4.21	7.48	9.48	5.32
5,000 - 9,999	67	0.76 - 19.06	2.02	3.07	5.26	6.87	8.93	5.46
10,000 - 24,999	86	1.13 - 22.49	3.10	4.50	6.80	9.33	11.38	7.29
25,000 - 49,999	40	2.05 - 18.01	4.21	5.30	7.56	9.73	14.54	8.18
50,000 - 99,999	18	3.33 - 17.24	3.35	5.02	6.04	7.56	10.47	7.07

TABLE E - SALARY EXPENDITURES AS PERCENT (%) OF TOTAL OPERATING EXPENDITURES

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1983

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0 - 100	16	36	46	58	67	45
2,000 - 4,999	46	32 - 79	40	48	58	63	67	56
5,000 - 9,999	67	50 - 77	52	57	61	66	70	62
10,000 - 24,999	86	27 - 81	56	64	68	72	75	67
25,000 - 49,999	40	51 - 77	63	65	69	72	75	69
50,000 - 99,999	18	59 - 84	66	71	76	79	80	75



TABLE F - MATERIALS EXPENDITURES PER CAPITA (\$)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1983

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0.00 - 15.25	0.73	1.09	1.55	2.31	3.14	2.24
2,000 - 4,999	46	0.36 - 5.58	1.05	1.44	1.87	3.10	3.92	2.32
5,000 - 9,999	67	0.32 - 5.46	0.68	1.20	2.04	2.41	3.04	2.02
10,000 - 24,999	86	0.75 - 5.82	0.94	1.35	1.86	2.48	3.18	2.04
25,000 - 49,999	40	0.35 - 4.57	0.84	1.38	1.82	2.28	2.78	1.94
50,000 - 99,999	18	0.52 - 4.56	0.72	0.88	1.09	1.35	2.07	1.36

TABLE G - MATERIALS EXPENDITURES AS PERCENT (%) OF TOTAL OPERATING EXPENDITURES

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1983

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0 - 89	20	23	27	41	51	34
2,000 - 4,999	46	19 - 38	21	22	24	27	30	25
5,000 - 9,999	67	17 - 41	19	20	23	25	29	23
10,000 - 24,999	86	15 - 33	16	17	18	21	24	19
25,000 - 49,999	40	12 - 22	13	14	16	18	20	17
50,000 - 99,999	18	12 - 19	12	12	13	15	16	14

TABLE H - TOTAL HOLDINGS PER CAPITA

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1983

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	57	0.03 - 49.04	3.81	5.51	8.30	10.92	25.36	10.83
2,000 - 4,999	47	2.35 - 27.35	2.90	4.12	5.71	7.39	10.26	6.86
5,000 - 9,999	69	1.16 - 9.65	2.25	3.11	4.19	5.71	6.96	4.53
10,000 - 24,999	88	1.25 - 12.99	2.15	2.79	3.53	4.60	5.66	3.90
25,000 - 49,999	40	1.41 - 12.31	1.81	3.00	3.75	5.09	6.29	4.24
50,000 - 99,999	18	1.91 - 6.65	2.00	2.59	3.21	3.90	4.41	3.40

TABLE I - TOTAL CIRCULATION PER CAPITA

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1983

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	57	0.37 - 51.07	3.17	4.36	6.33	10.06	12.05	8.46
2,000 - 4,999	47	1.56 - 26.15	3.53	4.90	6.35	8.97	15.28	8.22
5,000 - 9,999	69	0.95 - 19.91	3.33	4.27	5.79	8.59	11.44	6.75
10,000 - 24,999	88	2.26 - 17.37	3.37	5.00	7.25	9.10	12.11	7.52
25,000 - 49,999	40	1.13 - 16.35	2.58	4.87	5.85	8.35	11.06	6.71
50,000 - 99,999	18	1.48 - 8.73	1.77	2.51	4.11	5.77	7.69	4.50



## Section Two: Data for Individual Municipalities

Population Group I  
(0-1,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
1. ALFORD	394	341	W	0.59	0.59	0.36	0.25	70	0.07	19	2.54	2.54	1	20	20	0.7
2. ASHFIELD	1,458	297	W	8.88	3.94	8.19	4.54	55	1.92	23	7.55	10.27	15	15	20	0.8
3. BECKET	1,339	299	W	4.89	3.77	4.56	0.90	20	1.05	23	28.51	9.13	11.5	13.5	0.0	0.0
4. BERNARDSTON	1,750	287	W								10.63	4.38			15	0.9
5. BLANDFORD	1,038	313	W	7.97	7.11	7.91	4.53	57	1.95	25	8.93	18.33	21	21	21	0.6
6. BUCKLAND	1,864	284	W								6.90	3.52			15	0.4
7. CHARLEMONT	1,149	308	W	3.05	2.39	3.02	2.30	76	0.68	23	9.57	1.55	11	11	11	0.3
8. CHESTER	1,123	310	W	6.46	3.91	6.46	4.13	64	1.30	20	8.93	4.54	15	15	20	0.6
9. CHESTERFIELD	1,000	316	W	6.32	6.32	6.32	2.93	46	1.50	24	8.06	8.36	15	15	15	0.4
10. CHILMARK	489	338	E	60.22	45.93	52.85	27.46	52	15.25	29	49.04	51.07	21	23	28	1.7
11. CLARKSBURG	1,871	283	W	1.36	1.36	1.36	0.16	12	1.09	80	4.63	6.06	14.5	3	24	0.7
12. COLRAIN	1,552	294	W	8.09	7.26	5.83	2.26	39	1.41	24	5.66	4.69	15	15	15	0.5
13. CONWAY	1,213	304	W													
14. CUMMINGTON	657	328	W	5.56	4.95	5.56	0.11	2	2.93	53	13.83	7.59	10	10	20	0.6
15. DUNSTABLE	1,671	290	E	4.49	3.70	4.33	2.21	51	1.93	45	10.76	3.34	10	10	15	1.0
16. EAST BROOKFIELD	1,955	282	C	6.22	6.22	6.22	4.37	70	1.25	20	5.21	9.81	30	30	30	1.1
17. EGREMONT	1,311	301	W	2.94	2.94	2.94	1.87	64	0.99	34	5.50	4.43	13	13	13	0.4
18. ERVING	1,326	300	W	2.69	2.69	2.69	1.92	71	0.69	26	8.97	9.98	10	8	6	0.3
19. FLORIDA	730	323	W	3.42	3.42	3.42	0.48	14	2.93	86	10.01	11.87	12	2	12	0.3
20. GAY HEAD	220	347	E	11.05	7.87	10.18	4.09	40	4.30	42	27.45	5.50	10	9	5	0.1
21. GILL	1,259	303	W													
22. GOSHEN	651	329	W	6.42	4.12	6.30	2.76	44	3.07	49	9.42	9.68	10	10	10	0.3
23. GOSNOLD	63	351	E													
24. GRANVILLE	1,204	305	W	7.71	7.71	7.71	2.92	38	2.32	30	8.10	5.18	14	11	10	0.5
25. HANCOCK	643	331	W	4.56	4.56	4.52	1.23	27	1.28	28	10.42	10.89	4	4	3	0.1
26. HEATH	482	339	W	14.32	13.70	11.22	7.04	63	3.09	28	30.45	11.61	10	10	15	0.4

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
27. HINSDALE	1,707	288	W	3.58	2.14	3.58	1.31	36	1.28	36	3.84	10.62	9	11	10	0.3
28. HOLLAND	1,589	292	W	2.97	2.97	2.94	1.09	37	1.18	40	4.09	4.00	10	15	11	0.3
29. HUBBARDSTON	1,797	286	C	6.90	6.90	6.14	2.31	38	2.10	34	5.43	4.50	18	12	18	0.8
30. HUNTINGTON	1,804	285	W	5.99	5.99	4.90	1.88	38	1.17	24	4.22	4.42	13	13	13	1.1
31. LEVERETT	1,471	296	W	3.02	3.02	3.02	1.91	63	0.80	27	3.75	3.48	18	15	15	0.4
32. LEYDEN	498	337	W	7.03	7.03	5.92	3.46	59	1.71	29	7.81	10.09	10	10	10	0.3
33. MIDDLEFIELD	385	342	W	2.35	2.35	2.24	0.44	20	1.55	69	13.56	7.33	10	7	10	0.3
34. MILLVILLE	1,693	289	C													
35. MONROE	179	348	W	5.48	5.48	5.48	3.04	55	2.43	44	24.46	10.21	2	1	3	0.1
36. MONTEREY	818	322	W	12.16	12.16	12.16	6.76	56	2.44	20	7.26	12.60	11	11	18	0.6
37. MOUNT WASHINGTON	93	350	W								28.51	4.54			2	0.1
38. NEW BRAINTREE	671	327	C	3.56	3.56	3.56	0.39	11	3.17	89	6.37	10.80	10	10	10	0.3
39. NEW MARLBOROUGH	1,160	307	W	5.22	3.84	5.22	2.39	46	0.94	18	6.47	9.94	11	15	12	0.3
40. NEW SALEM	688	326	W	5.14	4.82	5.14	1.89	37	1.38	27	10.55	12.48	14	14	12	0.6
41. OAK BLUFFS	1,984	280	E													
42. OAKHAM	994	317	C	9.66	9.56	9.66	4.63	48	2.27	23	14.65	11.76	15.5	14.5	15	0.8
43. OTIS	963	318	W													
44. PELHAM	1,112	311	W	4.91	3.59	3.57	1.91	54	1.62	45	5.76	4.10	10	10	10	0.3
45. PERU	633	333	W	1.22	0.69	0.97	0.00	0	0.55	57	10.47	2.87	10	10	0.0	0.0
46. PETERSHAM	1,024	314	C	20.98	2.70	15.43	4.87	32	4.34	28	17.47	8.90	23.5	23.5	17	0.8
47. PHILLIPSTON	953	320	C	4.42	4.00	4.19	1.47	35	1.89	45	8.50	4.73	10	10	10	0.3
48. PLAINFIELD	425	340	W													
49. PLYMPTON	1,974	281	E	9.01	9.01	8.83	5.33	60	2.44	28	7.01	7.26	28	28	30	1.2
50. RICHMOND	1,659	291	W	3.47	3.47	3.47	2.37	68	0.87	25	3.50	5.68	11	11	11	0.5
51. ROWE	336	344	W	50.19	50.07	43.43	20.72	48	11.21	26	30.74	37.34	15	15	20	0.9
52. ROYALSTON	955	319	C													

## POPULATION GROUP I (1 - 1,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
53. RUSSELL	1,570	293	W	5.14	5.14	5.14	2.99	58	1.08	21	2.80	3.75	20.5	20.5	13	0.7
54. SANDISFIELD	720	324	W	3.93	3.93	3.93	1.19	30	1.90	48	6.46	5.98	16	16	12	0.5
55. SAVOY	644	330	W	0.10	0.10	0.10	0.10	100	0.00	0	0.03	0.37	28	28	28	0.8
56. SHUTESBURY	1,049	312	W	5.18	1.62	2.59	0.69	27	1.19	46	5.55	3.39	10	10	5	0.1
57. TOLLAND	235	346	W													
58. TRURO	1,486	295	E	7.63	7.63	7.63	3.45	45	2.20	29	11.07	6.59	14	24	17	0.5
59. TYRINGHAM	344	343	W													
60. WALES	1,177	306	W	4.29	4.29	4.29	1.71	40	1.04	24	5.01	3.30	10	30	15	0.4
61. WARWICK	603	334	W	9.76	7.31	9.76	5.01	51	2.30	24	13.66	9.86	10	10	10	0.3
62. WENDELL	694	325	W	4.91	4.91	4.91	3.18	65	1.05	21	10.07	2.88	10	10	10	0.3
63. WEST STOCKBRIDGE	1,280	302	W	3.32	2.93	3.32	1.59	48	1.34	40	4.43	4.35	10	10	10	0.3
64. WEST TISBURY	1,010	315	E	29.48	27.88	27.56	15.82	57	7.30	26	13.71	18.94	14	18	20	1.7
65. WESTHAMPTON	1,137	309	W	6.97	5.52	6.97	2.64	38	1.79	26	7.33	8.62	13	13	14	0.4
66. WHATELY	1,341	298	W	12.32	5.31	11.13	4.45	40	2.26	20	10.97	7.01	16	16	23	1.1
67. WINDSOR	598	335	W													
68. WORTHINGTON	932	321	W	8.87	5.84	5.93	1.64	28	1.22	21	10.74	5.41	11	11	7	0.3



## Population Group II (2,000 -4,999)

## POPULATION GROUP II (2,000 - 4,999)

MUNICIPALITY -----	'80 POP ---	POP RNK ---	REG ---	TOT OPRTG INC \$ P C -----	APPRO MUNIC INC \$ P C -----	TOT OPRTG EXP \$ P C -----	SALARY \$ PER CAP -----	EXP % TOT EXP -----	MATERLS \$ PER CAP -----	EXP % TOT EXP -----	HLDGS P C -----	CIRC P C -----	HOURS WIN -----	OPEN SUM -----	HRS/ WORK WEEK -----	FTE LESS CETA -----
1. ASHBURNHAM	4,075	238	C	6.85	4.82	6.85	3.55	52	1.99	29	3.99	5.17	33	33	21	1.5
2. ASHBY	2,311	273	C													
3. BARRE	4,102	237	C	11.66	8.61	11.66	5.86	50	3.04	26	5.85	4.25	23	23	35	2.0
4. BERKLEY	2,731	266	E	3.96	3.96	3.96	1.78	45	0.95	24			15	8		
5. BERLIN	2,215	276	C	7.55	6.86	7.67	4.85	63	2.27	30	4.38	5.39	16	20	20	1.2
6. BOLTON	2,530	267	C	8.72	8.72	8.44	3.58	42	1.87	22	5.65	6.19	16	18	25	1.5
7. BOXBOROUGH	3,126	256	C	7.29	6.84	6.96	4.26	61	1.56	22	6.03	5.66	22	22	20	1.7
8. BOYLSTON	3,470	252	C	17.75	15.58	16.27	8.96	55	4.35	27	6.43	6.86	30.5	30.5	35	3.1
9. BRIMFIELD	2,318	272	C	5.58	5.33	5.58	1.77	32	1.19	21	4.16	3.71	15	15	15	0.7
10. BROOKFIELD	2,397	269	C	6.43	6.14	6.11	3.08	50	1.59	26	5.92	5.64	21	21	21	0.9
11. CARLISLE	3,306	253	E	16.94	16.75	16.25	11.59	71	3.89	24	7.54	18.87	58	58	37	3.6
12. CHESHIRE	3,124	257	W	1.83	1.76	1.40	0.89	64	0.40	28	8.62	4.50	15	15	15	0.4
13. DEERFIELD	4,517	230	W	5.18	5.18	5.16	2.49	48	1.87	36	9.55	7.62	27	25	15	1.6
14. DOUGLAS	3,730	248	C	4.83	4.67	4.83	2.73	57	1.14	24	3.55	2.72	21	21	21	1.1
15. DOVER	4,703	228	E	15.32	13.25	15.32	7.11	46	5.28	34	7.38	8.52	50	36	37	2.8
16. EASTHAM	3,472	251	E	13.46	12.67	12.67	7.91	62	3.38	27	7.40	14.73	38	36	35	2.5
17. EDGARTOWN	2,204	278	E													
18. ESSEX	2,998	261	E	6.21	4.39	6.01	3.89	65	1.33	22	5.42	6.76	27	22	27	1.1
19. HADLEY	4,125	236	W	6.05	6.05	6.01	3.59	60	1.28	21	4.16	4.00	44.5	36	37	1.9
20. HAMPDEN	4,745	227	W	4.86	4.71	4.71	3.29	70	1.19	25	2.92	5.07	26	21	26	2.1
21. HARDWICK	2,272	274	W	7.90	3.71	6.60	2.27	34	1.50	23	3.91	1.56	20.5	20.5	7	0.3
22. HATFIELD	3,045	259	W	6.47	6.47	6.08	2.81	46	1.65	27	8.71	6.52	15	8	15	0.9
23. HOPEDALE	3,905	242	C	11.42	8.71	10.71	6.33	59	2.35	22	7.21	8.12	16	22	30	2.4
24. LANESBOROUGH	3,131	255	W	1.75	1.73	1.75	1.37	79	0.36	21	3.17	4.57	15	15	11	0.4
25. MARION	3,932	241	E	14.27	12.09	13.43	6.72	50	3.15	23	7.17	7.25	37	37	40	3.5
26. MASHPEE	3,700	249	E	7.53	7.35	6.96	4.21	60	1.50	22	2.41	3.79	27	27	25	1.7

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
27. MENDON	3,108	258	C													
28. MERRIMAC	4,451	231	E	9.76	9.59	9.75	7.13	73	1.88	19	4.61	6.85	52	48	40	3.7
29. MIDDLETON	4,135	235	E	14.75	14.70	14.70	9.14	62	2.98	20	4.72	7.32	50	30	24	4.0
30. NAHANT	3,947	240	E	14.62	14.62	14.62	8.42	58	3.92	27	19.04	12.13	32	48	40	3.1
31. NEWBURY	4,529	229	E	7.66	7.49	6.51	4.14	64	1.53	24	2.43	5.06	37	37	37	2.7
32. NORTH BROOKFIELD	4,150	233	C	6.04	5.34	6.04	2.33	39	1.52	25	4.79	5.83	24	24	22	1.5
33. NORTHFIELD	2,386	270	W	14.89	14.47	14.63	9.11	62	2.95	20	10.59	12.62	31	31	40	2.2
34. PAXTON	3,762	247	C	8.82	7.54	8.78	5.28	60	2.13	24	4.46	6.50	34	20	35	2.3
35. PRINCETON	2,425	268	C	9.14	7.93	9.08	4.35	48	3.24	36	5.68	10.47	16	13	16	1.2
36. PROVINCETOWN	3,536	250	E	20.81	19.70	20.36	11.94	59	3.99	20	2.84	4.58	45	45	40	3.3
37. ROCHESTER	3,205	254	E	2.42	1.97	2.21	0.77	35	0.52	24	2.35	1.89	15	15	15	0.5
38. ROWLEY	3,867	245	E	8.30	8.11	8.30	5.20	63	2.05	25	6.73	5.23	23	23	28	2.3
39. RUTLAND	4,334	232	C	5.63	5.05	5.63	2.76	49	1.66	29	3.01	5.06	26	22.5	22	1.4
40. SHEFFIELD	2,743	265	W	12.46	12.46	12.40	7.99	64	2.92	24	9.78	6.08	27	27	40	1.8
41. SHELBURNE	2,002	279	W								23.04	14.16			15	1.2
42. SHERBORN	4,049	239	E	22.22	21.78	21.78	11.83	54	4.94	23	10.42	10.33	59	43	37.5	5.6
43. SOUTHAMPTON	4,137	234	W	8.82	8.15	8.14	4.65	57	2.31	28	4.65	7.01	18	18	22	2.1
44. STOCKBRIDGE	2,328	271	W								27.35	26.15			38	4.7
45. SUNDERLAND	2,929	263	W	3.00	2.97	3.00	1.19	40	1.12	38	4.44	3.11	17	17	11	0.3
46. TISBURY	2,972	262	E													
47. UPTON	3,886	244	C	5.68	5.46	5.62	3.70	66	1.76	31	7.16	7.86	42	42	40	1.7
48. WARREN	3,777	246	C	7.42	6.39	7.16	3.20	45	1.84	26	3.55	5.01	27	29.5	35	1.5
49. WELLFLEET	2,209	277	E	22.78	20.19	22.57	15.28	68	5.58	25	10.19	21.35	29	29	35	3.1
50. WENHAM	3,897	243	E	17.02	15.09	16.14	9.99	62	3.50	22	6.84	16.57	33	29	33	4.2
51. WEST BROOKFIELD	3,026	260	C	6.59	3.59	6.59	3.73	56	1.38	21	5.73	11.87	24	24	19	1.4
52. WEST NEWBURY	2,861	264	E	13.42	13.09	13.32	7.82	59	3.78	28	6.41	25.84	30	27	40	2.6

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP \$ TOT EXP	MATERLS \$ PER CAP	EXP \$ TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
53. WILLIAMSBURG	2,237	275	W													

## Population Group III (5,000-9,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP \$ TOT EXP	MATERLS \$ PER CAP	EXP \$ TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
1. ACUSHNET	8,704	164	E													
2. ASHLAND	9,165	157	E								3.65	4.48			30	3.3
3. AVON	5,026	226	E	12.46	11.96	11.93	6.79	57	2.45	21	6.73	6.45	47	42.5	35	3.5
4. AYER	6,993	184	C	8.80	6.36	8.23	4.30	52	2.54	31	2.81	3.35	45	45	40	2.7
5. BELCHERTOWN	8,339	169	W	3.97	3.97	3.97	1.97	50	1.18	30	2.25	3.80	25	15	25	2.1
6. BLACKSTONE	6,570	192	C	1.88	1.88	1.87	1.40	75	0.47	25	2.28	0.95	25	10	25	1.1
7. BOXFORD	5,374	217	E	15.12	14.90	13.99	8.82	63	2.86	20	6.95	8.13	48	47	40	5.4
8. BREWSTER	5,226	220	E	10.73	7.17	10.18	5.61	55	2.05	20	3.56	10.34	26	22	30	2.8
9. CARVER	6,988	185	E	4.93	4.78	4.78	3.07	64	0.91	19	2.63	4.33	30	30	32	1.9
10. CHARLTON	6,719	191	C													
11. CHATHAM	6,071	202	E	9.62	7.80	9.43	5.19	55	1.92	20	6.28	12.99	29	29	29	3.2
12. COHASSET	7,174	179	E	21.23	20.50	21.23	14.19	67	4.99	23	6.79	13.71	53	50	35	7.7
13. DALTON	6,797	190	W	8.94	8.50	8.68	5.58	64	2.07	24	4.91	7.16	37.5	35	40	3.7
14. DIGHTON	5,352	218	E	2.23	2.23	2.23	1.38	62	0.51	23	3.12	3.78	15	15	15	0.9
15. DUDLEY	8,717	163	C	3.82	3.82	3.82	2.26	59	0.78	21	3.11	4.61	48	48	40	2.0
16. EAST BRIDGEWATER	9,945	152	E	12.07	12.05	11.55	7.42	64	2.39	21	4.86	5.14	49	44	35	7.3
17. FREETOWN	7,058	182	E	2.53	2.53	2.30	1.17	51	0.69	30	1.28	2.80	28	28	15	1.5
18. GEORGETOWN	5,687	210	E	8.71	8.70	8.70	4.85	56	2.18	25	9.45	8.66	27.5	23.5	20	3.3
19. GRANBY	5,380	216	W	5.73	5.71	5.66	3.42	60	1.17	21	3.43	4.60	25.5	25.5	35	1.8
20. GREAT BARRINGTON	7,405	174	W	13.67	12.81	13.49	6.78	50	3.10	23	9.65	8.63	49	48.5	40	6.1
21. GROTON	6,154	201	C	10.81	9.31	10.47	7.26	69	2.35	22	7.49	7.02	35	25	36	5.0
22. GROVELAND	5,040	225	E	5.76	3.55	5.76	3.06	53	2.36	41	3.86	5.56	26	23	25	2.0
23. HALIFAX	5,513	213	E	8.00	7.78	8.00	4.64	58	1.99	25	3.69	7.27	34.5	40	40	2.9
24. HAMILTON	6,960	187	E	13.17	13.17	13.14	7.66	58	3.95	30	5.11	8.05	46	35	40	5.7
25. HANSON	8,617	165	E	4.48	4.43	4.22	2.84	67	1.05	25	2.23	4.07	36	31	35	2.4
26. HARWICH	8,971	159	E	11.08	8.86	9.50	5.33	56	2.16	23	7.09	14.35	46	48	35	6.4

## POPULATION GROUP III (5,000 - 9,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
27. HOPKINTON	7,114	180	C								4.32	9.48			40	5.3
28. HULL	9,714	153	E	6.74	6.74	6.74	3.92	58	2.05	30	5.06	4.93	49	48	35	3.6
29. KINGSTON	7,362	176	E	12.31	11.77	11.77	7.76	66	2.75	23	5.26	7.23	35	32.5	35	5.1
30. LAKEVILLE	5,931	206	E	3.92	3.89	3.57	2.42	68	0.60	17	1.93	2.40	21	21	21	1.6
31. LANCASTER	6,334	197	C	13.80	10.63	13.80	7.15	52	2.97	21	7.57	8.81	40	37	35	5.0
32. LEE	6,247	198	W	12.28	11.41	12.28	6.35	52	2.36	19	8.18	7.49	36	36	35	3.3
33. LEICESTER	9,446	155	C	4.59	4.59	4.33	2.78	64	0.94	22	2.50	3.17	37	30	32	3.0
34. LENOX	6,523	193	W													
35. LINCOLN	7,098	181	E	27.90	27.76	27.90	19.06	68	5.46	20	8.69	12.48	59.5	52.5	37.5	10.3
36. LITTLETON	6,970	186	C	9.15	8.38	9.09	6.45	71	1.78	20	6.66	9.57	45	45	35	4.3
37. LUNENBURG	8,405	167	C	9.62	9.32	9.49	5.75	61	2.07	22	3.03	6.61	48	44	37.5	4.9
38. MANCHESTER	5,424	215	E	14.26	14.26	14.27	9.18	64	3.30	23	6.78	10.51	45	39	37.5	3.8
39. MATTAPOISETT	5,597	212	E	6.40	6.40	6.40	3.96	62	1.26	20	3.34	5.44	26	36	26	2.7
40. MAYNARD	9,590	154	E	8.11	8.11	8.05	5.82	72	1.43	18	3.40	3.73	35	35	35	4.5
41. MEDWAY	8,447	166	E	10.35	10.35	10.24	5.93	58	2.34	23	4.13	5.82	40	36	40	4.8
42. MILLIS	6,908	188	E	7.77	7.77	7.77	5.52	71	1.88	24	5.75	8.14	40	36	35	4.2
43. MONSON	7,315	177	W	9.01	7.52	8.86	5.19	59	2.03	23	3.79	3.51	51	44	35	3.8
44. MONTAGUE	8,011	171	W	6.86	6.86	6.86	4.57	67	1.34	20	6.73	5.75	40	36	35	3.7
45. NANTUCKET	5,087	224	E													
46. NORFOLK	6,363	194	E	9.38	9.09	9.02	5.67	63	2.17	24	2.12	9.93	39	37.5	35	4.1
47. NORWELL	9,182	156	E	13.42	12.97	12.38	7.74	63	2.63	21	4.15	8.46	44	44	37.5	7.4
48. ORANGE	6,844	189	W	7.87	6.90	7.21	4.33	60	1.70	24	5.70	4.59	29	29	35	2.9
49. ORLEANS	5,306	219	E	17.38	15.24	17.38	10.01	58	4.65	27	4.38	19.91	43	36	40	5.1
50. PEPPERELL	8,061	170	C	11.58	10.44	11.10	7.57	68	2.20	20	4.54	6.83	32.5	29.5	40	5.8
51. PLAINVILLE	5,857	207	E	2.53	2.53	2.53	1.43	56	0.61	24	1.88	1.51	25	25	21	1.1
52. RAYNHAM	9,085	158	E	3.49	3.17	3.49	2.24	64	0.67	19	2.72	4.25	36	22	20	2.5



## POPULATION GROUP III (5,000 - 9,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
53. REHOBOTH	7,570	173	E	1.24	1.06	1.24	0.76	61	0.32	26	1.16	1.06	25	16	25	1.3
54. ROCKPORT	6,345	196	E	12.84	12.14	12.79	9.21	72	3.02	24	5.71	13.10	35	35	30	5.5
55. SALISBURY	5,973	205	E	6.56	6.54	6.53	4.06	62	1.41	22	4.33	4.52	42	42	37	2.9
56. SANDWICH	8,727	162	E	15.55	11.07	14.79	10.52	71	2.83	19	4.38	11.03	42	42	35	7.2
57. SHIRLEY	5,124	223	C													
58. SOUTHBOROUGH	6,193	200	C	14.65	14.47	14.52	9.65	66	3.60	25	6.29	11.62	48	41	40	4.8
59. SOUTHWICK	7,382	175	W	3.66	3.52	3.55	2.04	58	1.20	34	4.15	3.51	40	40	35	1.5
60. STERLING	5,440	214	C	10.66	10.48	10.66	6.53	61	2.67	25	3.75	7.24	38	38	40	3.7
61. STOW	5,144	221	E	10.01	8.31	9.67	5.06	52	2.23	23	5.27	5.29	35	28	40	2.9
62. STURBRIDGE	5,976	204	C	6.84	6.56	6.34	4.44	70	1.21	19	2.75	6.92	48	48	20	2.8
63. SUTTON	5,855	208	C	3.75	3.73	3.73	2.22	60	0.93	25	2.76	3.45	27	27	23	2.3
64. TEMPLETON	6,070	203	C													
65. TOPSFIELD	5,709	209	E	12.40	11.54	12.11	7.09	59	2.93	24	5.90	11.42	39	41	35	5.4
66. TOWNSEND	7,201	178	C	7.81	4.60	4.18	2.38	57	0.98	23	3.33	5.36	26	19	26	2.4
67. TYNGSBOROUGH	5,683	211	E	4.12	3.62	3.98	2.18	55	1.12	28	2.92	4.03	29	18	29	1.9
68. UXBRIDGE	8,374	168	C	8.50	6.71	8.16	4.89	60	2.02	25	4.66	5.47	30	30	35	4.1
69. WARE	8,953	160	W	9.37	6.82	9.09	4.57	50	2.01	22	4.79	6.59	33	33	33	4.0
70. WEST BOYLSTON	6,204	199	C	12.38	11.51	12.10	7.94	66	2.38	20	5.04	4.76	29.5	23	35	5.4
71. WEST BRIDGEWATER	6,359	195	E	9.18	9.00	9.18	5.65	62	2.26	25	5.14	4.62	28	31	40	3.1
72. WESTMINSTER	5,139	222	C	9.76	9.57	9.76	6.51	67	1.95	20	4.22	7.19	41	41	35	3.3
73. WILLIAMSTOWN	8,741	161	W	7.39	7.37	7.26	5.62	77	1.51	21	3.24	8.63	40	38	35	4.6
74. WINCHENDON	7,019	183	C	5.80	5.80	5.30	3.13	59	1.22	23	3.64	3.64	30	24	31	2.0
75. WRENTHAM	7,580	172	E	8.93	8.82	8.91	5.87	66	2.25	25	3.51	5.23	51.5	47.5	35	4.0

Population Group IV  
(10,000-24,999)

## POPULATION GROUP IV (10,000 - 24,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
1. ABINGTON	13,517	119	E	7.74	7.04	7.31	5.48	75	1.43	20	2.99	5.62	49.5	42.5	35	6.5
2. ACTON	17,544	91	E	13.77	13.74	13.64	9.73	71	2.18	16	3.59	11.64	67	55	35	12.5
3. ADAMS	10,381	150	W	9.51	8.91	9.40	6.80	72	1.63	17	3.69	7.82	55	55	35	5.5
4. AMESBURY	13,971	112	E	13.20	12.46	13.09	9.34	71	2.79	21	7.27	8.79	62	57	35	11.0
5. ATHOL	10,634	148	C	11.47	10.92	10.89	7.15	66	2.02	19	2.94	8.67	62	53	40	7.3
6. AUBURN	14,845	107	C	14.63	14.34	14.22	9.76	69	2.44	17	3.35	7.74	61.5	51.5	35	12.5
7. BEDFORD	13,067	125	E	20.42	20.09	20.33	14.16	70	4.37	21	6.03	8.64	67	64	40	15.1
8. BELLINGHAM	14,300	109	E	3.64	3.64	3.34	2.13	64	0.95	28	1.25	3.35	45	39	35	2.9
9. BOURNE	13,874	113	E	9.64	9.25	9.00	6.39	71	1.47	16	3.20	5.77	56	56	37.5	7.6
10. BRIDGEWATER	17,202	94	E	11.92	11.63	11.28	7.59	67	2.17	19	4.60	7.12	52	38	35	13.0
11. BURLINGTON	23,486	68	E	8.78	8.72	8.62	6.46	75	1.33	15	2.72	4.86	61	52	35	11.6
12. CANTON	18,182	87	E	16.82	16.36	15.92	11.63	73	2.63	17	4.60	7.35	51.5	51.5	35	13.3
13. CLINTON	12,771	127	C	6.09	6.09	6.01	4.26	71	1.09	18	6.54	2.52	43	43	37	5.3
14. CONCORD	16,293	101	E	34.33	25.12	33.46	22.49	67	5.11	15	12.99	14.75	68	60	37.5	25.4
15. DANVERS	24,100	65	E	13.58	12.03	13.58	9.71	71	2.66	20	4.50	7.53	64	60	37.5	18.7
16. DARTMOUTH	23,966	66	E	9.15	8.82	8.95	5.84	65	1.49	17	3.99	8.14	63	63	35	12.5
17. DENNIS	12,360	130	E	5.35	2.61	4.19	1.13	27	1.28	31	4.30	5.26	40	38	30	2.4
18. DRACUT	21,249	73	E	7.12	7.10	7.09	4.50	63	1.07	15	1.62	3.29	60	46	35	7.1
19. DUXBURY	11,807	137	E	18.23	16.87	17.63	11.60	66	3.09	18	4.84	10.18	62	58	40	12.4
20. EAST LONGMEADOW	12,905	126	W	14.36	14.13	14.09	9.30	66	2.34	17	4.19	13.44	62	52	37	9.5
21. EASTHAMPTON	15,580	105	W								2.15	4.17			35	4.6
22. EASTON	16,623	96	E	6.93	1.00	6.00	3.28	55	0.92	15	2.92	3.99	50	28	35	6.5
23. FAIRHAVEN	15,759	103	E	12.53	10.17	12.14	5.76	47	2.21	18	5.51	5.89	60	60	37	8.8
24. FALMOUTH	23,640	67	E	19.54	16.18	17.39	11.20	64	3.01	17	6.26	13.05	56	64.5	37.5	21.8
25. FOXBOROUGH	14,148	110	E	11.37	11.16	10.81	7.16	66	1.91	18	4.39	6.70	43	45	35	7.9
26. FRANKLIN	18,217	86	E	6.16	6.16	5.82	4.05	70	0.93	16	3.07	4.90	50	42	35	7.0

## POPULATION GROUP IV (10,000 - 24,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
27. GARDNER	17,900	90	C	15.87	10.07	11.59	7.33	63	2.20	19	3.81	9.10	62.5	54.5	37.5	11.8
28. GRAFTON	11,238	143	C													
29. GREENFIELD	18,436	85	W	9.62	9.20	9.35	7.15	76	1.43	15	6.53	8.66	51	41	37.5	9.6
30. HANOVER	11,358	141	E	7.93	7.14	7.93	5.38	68	1.58	20	4.73	8.27	51	36	35	4.9
31. HARVARD	12,170	133	C	4.91	4.58	4.91	2.67	54	1.63	33	2.54	2.75	44	44	30	3.6
32. HINGHAM	20,339	77	E								8.77	17.37			35	21.7
33. HOLBROOK	11,140	146	E	8.35	8.28	8.04	5.47	68	1.38	17	3.45	5.71	40	40	37.5	6.2
34. HOLDEN	13,336	123	C	12.88	12.76	12.53	9.02	72	2.12	17	3.20	10.82	52	41	35	8.7
35. HOLLISTON	12,622	129	E	7.29	6.97	7.22	4.86	67	1.34	19	3.40	7.30	52	44	37.5	5.7
36. HUDSON	16,408	97	C	9.62	9.50	9.60	6.87	72	1.57	16	2.51	5.36	61	53	37.5	9.6
37. IPSWICH	11,158	145	E	11.98	11.98	11.80	8.22	70	2.46	21	5.78	7.57	54.5	42	37.5	8.1
38. LONGMEADOW	16,301	100	W	13.45	11.12	12.55	8.00	64	2.05	16	3.56	13.01	57	50	36.3	11.3
39. LUDLOW	18,150	88	W	6.16	6.13	5.95	4.07	68	1.35	23	1.68	3.37	54.5	49.5	40	6.9
40. LYNNFIELD	11,267	142	E	16.14	15.88	15.88	11.07	70	3.70	23	5.63	11.78	67	56	35	9.4
41. MANSFIELD	13,453	121	E	8.31	8.10	8.10	5.77	71	1.57	19	2.66	6.27	48	40	36	6.4
42. MARBLEHEAD	20,126	79	E	18.95	18.90	18.80	13.25	70	3.92	21	4.60	12.07	64	60	40	20.7
43. MARSHFIELD	20,916	75	E	8.34	8.22	8.21	6.53	80	1.50	18	2.43	7.12	55.5	55.5	37.5	10.9
44. MEDFIELD	10,220	151	E	7.31	6.54	7.12	4.57	64	1.54	22	2.79	7.42	43.5	41.5	37.5	4.8
45. MIDDLEBOROUGH	16,404	98	E													
46. MILFORD	23,390	69	C	3.70	3.70	3.70	2.68	72	0.75	20	1.92	4.68	50	40	35	5.0
47. MILLBURY	11,808	136	C	6.59	6.59	6.20	3.80	61	1.65	27	2.54	4.50	41	41	40	3.7
48. NEWBURYPORT	15,900	102	E	11.21	10.10	10.52	7.33	70	1.77	17	4.30	6.54	53	56	35	10.3
49. NORTH ADAMS	18,063	89	W	6.29	6.29	6.29	5.08	81	0.94	15	2.37	3.24	53	49	37.5	8.1
50. NORTH ANDOVER	20,129	78	E	11.27	10.32	11.05	7.46	68	1.90	17	2.92	5.60	67	56	38	10.9
51. NORTH ATTLEBOROUGH	21,095	74	E	5.97	5.81	5.97	4.08	68	0.99	17	1.74	4.26	50	39	37	10.3
52. NORTH READING	11,455	139	E	9.11	8.75	8.76	6.74	77	1.64	19	3.22	7.41	54	48	35	6.3

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
53. NORTHBOROUGH	10,568	149	C	18.63	17.84	17.71	11.24	63	3.65	21	4.44	12.07	54	54	40	10.6
54. NORTHBRIDGE	12,246	132	C	8.75	6.84	8.41	4.37	52	1.86	22	3.89	5.00	40.5	37.5	35	4.6
55. NORTON	12,690	128	E	5.30	4.96	5.30	3.17	60	1.20	23	2.25	3.70	44	40	35	4.4
56. OXFORD	11,680	138	C	7.33	7.28	7.24	5.22	72	1.20	17	3.07	3.06	40	36	35	6.0
57. PALMER	11,389	140	W	12.35	11.83	12.35	7.64	62	1.98	16	4.24	11.88	57	47	35	9.3
58. PEMBROKE	13,487	120	E	5.00	4.80	4.78	2.98	62	0.93	20	3.18	5.25	44	44	35	3.6
59. READING	22,678	70	E	14.53	14.40	14.29	10.36	73	2.55	18	3.66	10.77	68.5	60	37.5	19.6
60. ROCKLAND	15,695	104	E	6.15	6.01	6.15	4.54	74	0.99	16	2.46	5.89	53	47	35	7.3
61. SAUGUS	24,746	63	E	5.63	5.60	5.60	4.25	76	0.83	15	3.05	3.38	61.5	50.5	37.5	9.8
62. SCITUATE	17,317	93	E	13.38	12.46	12.23	8.47	69	2.15	18	3.84	9.95	60	56	35	9.3
63. SEEKONK	12,269	131	E	8.93	8.87	8.90	5.80	65	2.54	29	3.03	8.49	49	49	32.5	6.9
64. SHARON	13,601	117	E	13.03	12.97	13.03	8.84	68	2.77	21	4.79	10.49	44	44	37.5	9.8
65. SHREWSBURY	22,674	71	C	17.13	16.46	16.74	9.32	56	3.11	19	4.02	8.69	59	55	37.5	18.4
66. SOMERSET	18,813	82	E	9.70	9.70	9.70	6.78	70	1.67	17	3.53	8.07	71	68	35	12.2
67. SOUTH HADLEY	16,399	99	W	11.11	11.11	11.11	7.88	71	1.89	17	2.89	7.25	54	48	35	9.7
68. SOUTHBRIDGE	16,665	95	C	11.33	11.12	10.96	6.85	62	2.36	21	3.19	6.43	58	58	37.5	10.5
69. SPENCER	10,774	147	C	6.47	4.75	6.47	3.86	60	1.46	23	2.53	5.14	41	41	24	3.4
70. STONEHAM	21,424	72	E	13.41	13.41	12.88	9.29	72	2.42	19	3.46	7.23	59	51	35	14.9
71. SUDBURY	14,027	111	E	14.88	14.69	14.88	10.75	72	2.39	16	3.96	13.39	64	52	35	11.2
72. SWAMPSCOTT	13,837	114	E	13.90	13.64	13.90	10.15	73	2.50	18	5.24	7.87	60	52	35	10.2
73. SWANSEA	15,461	106	E	5.07	4.72	5.07	2.55	50	1.39	27	3.33	4.60	50	50	37.5	4.7
74. TEWKSBURY	24,635	64	E	5.47	5.47	5.47	3.99	73	0.88	16	1.53	3.01	58	51	37.5	6.4
75. WAKEFIELD	24,895	62	E	17.28	17.28	17.00	11.23	66	2.92	17	4.43	7.02	61	53	35	18.3
76. WALPOLE	18,859	81	E	11.91	11.57	11.82	7.70	65	2.81	24	5.08	7.56	63	55	35	12.9
77. WAREHAM	18,457	83	E	6.71	6.30	6.71	4.50	67	1.52	23	1.66	3.65	53	50	35	6.5
78. WAYLAND	12,170	133	E	19.99	19.86	19.99	14.16	71	4.06	20	5.38	13.38	67	57	35	12.6

## POPULATION GROUP IV (10,000 - 24,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
79. WEBSTER	14,480	108	C	6.22	5.63	6.22	4.66	75	0.97	16	2.56	5.19	45	45	35	6.5
80. WESTBOROUGH	13,619	116	C	15.19	14.51	14.27	9.70	68	2.65	19	3.41	8.99	53	53	35	11.1
81. WESTFORD	13,434	122	E	13.35	12.38	12.46	9.40	75	2.05	16	4.81	8.10	59	44	37.5	9.9
82. WESTON	11,169	144	E	20.02	19.54	19.90	13.98	70	3.81	19	5.10	12.58	56	46	37.5	12.1
83. WESTPORT	13,763	115	E	5.47	5.40	5.33	3.43	64	0.92	17	2.13	5.22	42	42	35	4.6
84. WESTWOOD	13,212	124	E	21.56	21.35	21.22	15.30	72	3.29	16	7.75	12.28	64	60	35	15.3
85. WHITMAN	13,534	118	E	3.67	3.25	3.59	2.26	63	0.87	24	2.22	2.26	48.5	48.5	35	3.6
86. WILBRAHAM	12,053	135	W	12.22	12.12	11.55	6.43	56	2.44	21	4.53	9.44	51	44	35	7.9
87. WILMINGTON	17,471	92	E	10.51	10.51	10.51	8.11	77	2.11	20	4.46	6.98	60	52	35	11.2
88. WINCHESTER	20,701	76	E	23.80	21.93	23.39	14.62	63	5.82	25	5.45	12.00	52.5	41.5	35	19.5
89. WINTHROP	19,294	80	E	7.38	7.38	7.37	5.57	76	1.16	16	4.55	3.75	50	43	35	8.6
90. YARMOUTH	18,449	84	E	6.53	5.40	6.07	3.00	49	1.56	26	3.46	10.01	50	50	35	6.9





Population Group V  
(25,000-49,999)

## POPULATION GROUP V (25,000 - 49,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERIALS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
1. AGAWAM	26,271	57	W	9.93	9.73	9.32	5.30	57	2.02	22	3.00	5.40	65	57	35	12.1
2. AMHERST	33,229	41	W	12.48	11.43	12.47	8.07	65	2.36	19	3.54	7.26	63	59	37.5	28.2
3. ANDOVER	26,370	56	E	27.14	27.14	27.14	18.01	66	4.34	16	6.76	12.25	71	60	37.5	34.6
4. ARLINGTON	48,219	22	E	14.63	14.29	14.41	11.17	77	1.85	13	3.62	8.73	66	57	35	42.2
5. ATTLEBORO	34,196	40	E	7.24	6.71	7.25	4.62	64	1.58	22	3.54	4.58	63	50	35	14.3
6. BARNSTABLE	30,898	43	E	17.40	10.57	16.43	8.36	51	2.78	17	5.72	10.58	61	63	35	24.4
7. BELMONT	26,100	58	E	20.61	20.61	20.48	15.43	75	2.55	12	5.27	11.39	68	56	35	26.1
8. BEVERLY	37,655	30	E	10.53	9.86	10.44	7.66	73	1.76	17	3.58	6.27	63	52	35	20.6
9. BILLERICA	36,727	32	E	6.15	6.15	6.15	4.21	69	0.84	14	1.41	3.34	64	56	37.5	11.7
10. BRAINTREE	36,337	36	E	13.10	12.90	12.19	8.65	71	1.84	15	3.02	5.85	61	52.5	38	23.9
11. CHELMSFORD	31,174	42	E	11.59	11.14	11.51	7.72	67	2.18	19	3.22	7.54	66	63	37.5	20.8
12. CHELSEA	25,431	60	E	9.14	9.14	9.14	6.60	72	1.82	20	5.77	4.96	63	42	35	12.0
13. DEDHAM	25,298	61	E	12.26	11.36	11.97	8.30	69	2.05	17	6.29	6.64	64	56	37.5	17.2
14. EVERETT	37,195	31	E	9.15	8.81	9.05	6.76	75	1.47	16	5.09	4.41	72	56	36	20.3
15. FITCHBURG	39,580	28	C	13.44	12.29	13.50	9.22	68	2.11	16	4.71	6.48	65	54	37.5	30.8
16. GLOUCESTER	27,768	52	E	10.71	9.59	10.65	8.04	76	1.57	15	3.78	5.77	63	59	32.5	15.0
17. HAVERHILL	46,865	23	E	9.25	6.92	8.91	5.73	64	1.28	14	3.56	4.87	65.5	61.5	40	20.4
18. HOLYOKE	44,678	26	W	4.93	4.35	4.93	3.11	63	0.98	20	3.40	2.57	63	56	35	13.6
19. LEOMINSTER	34,508	38	C	9.61	9.27	9.61	6.57	68	1.50	16	2.98	5.59	61	57	37.5	18.3
20. LEXINGTON	29,479	47	E	26.04	23.27	25.89	16.92	65	4.57	18	7.16	16.35	70	66	37	41.0
21. MARLBOROUGH	30,617	44	E	9.45	8.99	9.30	6.40	69	1.60	17	3.75	6.66	63	54.5	35	18.1
22. MELROSE	30,055	45	E	10.23	9.99	9.81	6.66	68	2.20	22	4.03	6.92	65	56	37	17.8
23. METHUEN	36,701	33	E	4.16	1.04	3.68	2.31	63	0.76	21	1.41	2.58	63	51	35	9.4
24. MILTON	25,860	59	E	14.44	13.79	14.43	10.40	72	2.30	16	5.38	8.46	68	60	37.5	17.9
25. NATICK	29,461	48	E	15.83	14.76	15.85	10.91	69	2.37	15	5.07	8.35	65.5	54	37.5	22.8
26. NEEDHAM	27,901	51	E	18.00	17.47	17.15	11.60	68	3.13	18	4.72	11.06	68	56.5	37.5	24.2

## POPULATION GROUP V (25,000 - 49,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
27. NORTHAMPTON	29,286	49	W	15.45	12.24	14.77	10.07	68	2.28	15	12.31	9.41	66	66	37.5	28.3
28. NORWOOD	29,711	46	E	13.37	13.37	13.37	9.73	73	1.71	13	2.85	7.14	72	60	35	19.6
29. PEABODY	45,976	24	E	8.98	7.12	8.16	4.49	55	1.61	20	1.81	2.26	69	65	35	15.0
30. PLYMOUTH	35,913	37	E	9.77	9.77	9.28	6.81	73	1.38	15	2.39	5.76	60	52	37.5	17.9
31. RANDOLPH	28,218	50	E	6.91	6.91	6.90	4.72	68	1.23	18	2.49	5.55	60	46	35	10.8
32. REVERE	42,423	27	E	2.70	2.70	2.70	2.05	76	0.35	13	1.55	1.13	64	46	40	9.7
33. SALEM	38,220	29	E	13.06	11.41	13.04	8.65	66	2.23	17	5.02	5.36	64	64	35	23.0
34. STOUGHTON	26,710	55	E	11.30	11.30	11.30	7.38	65	2.10	19	4.15	7.03	57	49	35	13.2
35. TAUNTON	45,001	25	E	6.26	6.18	6.26	4.53	72	0.91	14	5.38	4.71	64	55	35	19.7
36. WATERTOWN	34,384	39	E	19.62	19.56	19.26	14.54	75	2.62	14	3.89	5.51	60	49	37	33.1
37. WELLESLEY	27,209	53	E	25.29	24.87	25.15	17.50	70	4.02	16	7.93	11.75	70	67	35	29.7
38. WEST SPRINGFIELD	27,042	54	W	8.57	8.16	8.11	5.57	69	1.21	15	3.28	5.72	50	37	37.5	11.3
39. WESTFIELD	36,465	35	W	10.82	8.09	10.82	7.56	70	1.45	13	4.06	9.17	63	54.5	37	25.0
40. WOBURN	36,626	34	E	7.75	6.80	6.32	4.78	76	0.84	13	2.73	2.89	64	47	37.5	13.6



# Population Group VI (50,000-99,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
1. BROCKTON	95,172	6	E	7.97	7.91	7.94	6.04	76	0.96	12	3.02	4.89	64	52	35	43.6
2. BROOKLINE	55,062	19	E	24.69	24.15	24.61	17.24	70	4.56	19	6.65	8.73	63	57	37	55.7
3. CAMBRIDGE	95,322	5	E	13.14	13.11	12.87	10.38	81	1.52	12	4.53	6.31	68	60	37.5	69.7
4. CHICOPEE	55,112	18	W	6.50	6.50	6.37	4.99	78	0.81	13	1.91	3.76	63	49	35	24.6
5. FALL RIVER	92,574	7	E	4.99	4.88	4.74	3.33	70	0.84	18	3.49	2.67	64	56	35	27.0
6. FRAMINGHAM	65,113	13	E	13.91	13.34	13.21	9.98	76	2.01	15	3.21	7.57	67.5	60.5	37.5	45.5
7. LAWRENCE	63,175	14	E	7.60	7.48	7.47	4.43	59	0.91	12	3.77	1.48	64	40	35	18.1
8. LOWELL	92,418	8	E	4.43	4.30	4.20	3.35	80	0.52	12	2.02	1.84	64	49	35	26.3
9. LYNN	78,471	11	E	7.46	7.30	7.46	5.63	75	1.11	15	3.33	2.32	63	43	35	28.0
10. MALDEN	53,386	20	E	9.17	7.68	8.37	5.67	68	1.33	16	4.03	3.07	66	54	35	24.5
11. MEDFORD	58,076	16	E	8.53	8.53	8.40	6.59	79	1.05	13	2.04	2.84	65	57	35	25.3
12. NEW BEDFORD	98,478	4	E	7.69	6.56	7.69	5.52	72	1.14	15	4.38	4.11	64	64	35	56.1
13. NEWTON	83,622	10	E	14.69	14.35	14.64	10.81	74	2.29	16	4.36	7.19	69	62	37.5	67.4
14. PITTSFIELD	51,974	21	W	9.23	8.89	9.45	7.49	79	1.12	12	3.70	8.15	63	59	35	28.3
15. QUINCY	84,743	9	E	11.21	10.20	10.63	7.63	72	1.37	13	2.65	4.31	61	54	35	38.4
16. SOMERVILLE	77,372	12	E	8.40	8.16	8.36	6.73	80	1.09	13	2.81	2.34	61	57	35	36.6
17. WALTHAM	58,200	15	E	6.03	6.03	6.03	5.04	84	0.77	13	2.53	4.19	60	52	35	18.7
18. WEYMOUTH	55,601	17	E	8.48	8.26	8.31	6.33	76	1.02	12	2.83	5.23	67	56	35	24.7



# Population Group VII (100,000 +)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS/ WORK WEEK	FTE LESS CETA
1. BOSTON	562,994	1	E	20.85	20.35	19.98	13.00	65	2.97	15	9.25	2.89	64	52	35	467+
2. SPRINGFIELD	152,319	3	W	18.17	16.42	18.17	13.69	75	2.33	13	4.82	6.20	64	52	37.5	148.3
3. WORCESTER	161,799	2	C	14.33	13.36	13.00	9.58	74	1.76	14	5.42	4.37	58.5	54.5	40	127.1





Section Three:  
FY84 Library Incentive Grant Application  
Page 2

Annual Report Information Survey  
Last Page

**A. TOTAL OPERATING INCOME (in whole dollars)**

1. Appropriated Municipal Income
  - a. Municipal Appropriation .....
  - b. Carry-over .....
  - c. Library Incentive Grant .....
  - d. Dog Tax Fund .....
  - e. Federal Revenue Sharing .....
  - f. Other .....
2. Additional Monies — Nongrant
  - a. Trusts and Endowments .....
  - b. Monetary Gifts .....
  - c. Miscellaneous .....
3. Additional Monies — Grant
  - a. Non-governmental Grants .....
  - b. LSCA .....
  - c. Other Federal Grants .....
  - d. Other State Grants .....
  - e. Regional & Subregional Monies .....

**BOX A**

Total  
Appropriated  
Municipal Income

**C. CAPITAL PROGRAMS & OUTLAYS\***

1. Income
  - a. Appropriated  
Municipal Income.....
  - b. Additional Monies .....

**BOX C1**

**TOTAL**

**BOX C2**

2. Expenditures .....

\* Funds reported in Section C should not be reported in Sections A or B

**B. TOTAL OPERATING EXPENDITURES (in whole dollars)**

Report from A1 and A2 above, exclude A3 above.

1. Salaries .....
- 2 a. Library Print Materials
  1. books.....
  2. periodicals.....
  3. microforms.....

Library Print Materials Subtotal

- b. Library Non-Print &  
Additional Materials .....

**Box B1**

Total Salary  
Expenditures

**Box B2**

Total Materials  
Expenditures

**Box B3**

Other Operating  
Expenditures

**Box B**

Total Operating  
Expenditures

INSTRUCTIONS - FISCAL YEAR 1984 LIBRARY INCENTIVE GRANT APPLICATION

READ THESE INSTRUCTIONS BEFORE COMPLETING THE APPLICATION: If the instructions are unclear, or if they do not address a particular situation existing in your library, please call the Library Incentive Grant Unit staff at 1-800-952-7403 or 267-9400.

Instructions corresponding to each page of the Application are separated below by a broken horizontal line. Instructions for the various sections and standards covered on each page of the Application are separated below by a solid horizontal line.

p1            At the bottom of the page give the inclusive dates of the fiscal year for which you are reporting only if it differs from 1 July 1982 through 30 June 1983.

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p2 A            TOTAL OPERATING INCOME (Please report in whole dollars)

Exclude - income earmarked for capital programs and outlays

p2 A1           Appropriated Municipal Income

A1a            Municipal Appropriation

Include + funds actually appropriated for operating expenditures

+ appropriations received through the supplemental budget process

Exclude - Carry-over from FY82

- Library Incentive Grant

- Dog Tax Fund

- Federal Revenue Sharing

- Other (appropriated)

- Regional and Subregional monies

A1b            Carry-over: Enter "included in 1a,c,d,e,f" as appropriate if carry-over is already reported elsewhere.

Include + FY82 appropriated monies which were unencumbered and unexpended that year and authorized by the municipality for operating expenses during FY83

A1c Library Incentive Grant: Enter "included in 1a" if the amount of the Library Incentive Grant is already reported in "Municipal Appropriation" above.

Include + only the amount of funds authorized by the municipality during FY83 for the library's operating expenses

A1d Dog Tax Fund: Enter "included in 1a" if the amount is already reported in "Municipal Appropriation" above.

Include + only if funds were authorized by the municipality for the library's operating expenses

A1e Federal Revenue Sharing: Enter "included in 1a" if the amount is already reported in "Municipal Appropriation" above.

Include + only if authorized by the municipality for the library's operating expenses

A1f Other (appropriated): Enter "included in 1a" if the amount of other appropriated income is already reported in "Municipal Appropriation" above.

Include + appropriated revenue not specified elsewhere in A1a-e. Such revenue may be from fines and fees, duplicating machine usage, rentals, or the sale of inventory and fixed assets.

Exclude - receipts retained by the municipality and not authorized for the library's operating expenses

p2 Box A Add lines A1a-f and place the sum to the right in Box A labeled "Total Appropriated Municipal Income."

p2 A2 Additional Monies - Nongrant

A2a Trusts and Endowments

Include + interest or other income from trusts and endowments received between 1 July 1982 - 30 June 1983. If some or all of your trust funds and/or endowments do not follow the July - June fiscal year, please indicate that on the bottom line of page 1.

Exclude - the principal of trusts and endowments

A2b Monetary Gifts: Enter "included in 2a" if the amount is already reported in "Trusts and Endowments" above.

Include + monetary gifts including those received from civic and business organizations and foundations

Exclude - estimated or fair market value of non-monetary gifts (such as books, paintings, furniture)  
- grants from foundations or civic and business organizations

A2c Miscellaneous: Enter "included in 2a or b" as appropriate if the amount is already reported elsewhere.

Include + other nongrant income retained by the library and not specified in A2a or b. Such revenue may be from fines and fees, duplicating machine usage, rentals, the sale of inventory and fixed assets, or proceeds from fundraising projects or consignment shops.

Exclude - receipts returned to the municipality

p2 A3 Additional Monies - Grant: Monies reported here should not be reported anywhere else on the application.

A3a Non-governmental Grants

Include + non-governmental grant monies received as a result of a proposal prepared in response to the requirements of the donor. Donors may include civic and business organizations and foundations.

Exclude - state and federal governmental grant monies

A3b LSCA

Include + total grant monies received under the Library Services and Construction Act between 1 July 1982 and 30 June 1983 for library operating expenses

A3c Other Federal Grants

Include + with the exceptions noted below, federal grant monies received between 1 July 1982 and 30 June 1983 for library operating expenses

Exclude - federal revenue sharing  
- LSCA  
- federally subsidized employment programs such as CETA, Green Thumb, and National Council of Senior Citizens' Senior Aides  
- federal income earmarked for capital programs and outlays

A3d Other State Grants

Include + with the exception of the Library Incentive Grant, income from state government grants

A3e Regional and Subregional Monies: This item applies only to the libraries contracting directly with the Board of Library Commissioners.

Include + amount of state funds received for providing regional and subregional services

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p2 B TOTAL OPERATING EXPENDITURES (Please report in whole dollars)

Include + expenditures and encumbrances from income reported above in A1a-f (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant)

+ expenditures, defined as the cost of goods delivered or services rendered

+ encumbrances, defined as a contingent liability in the form of purchase orders, contracts, or salary commitments which were not yet paid as of the last day of the fiscal year, but are to be paid out of FY83 Total Appropriated Municipal Income or Additional Monies - Nongrant. An example of an encumbrance is an order for books not yet received (or paid for) on the last day of the fiscal year, but for which funds are reserved (encumbered) to pay the bill when received. If in doubt as to whether or not a particular purchase order or other commitment is an encumbrance, check with your accountant.

Exclude - expenditures and encumbrances from income reported in A3a-e (Additional Monies - Grant) and C1a-b (Capital Programs and Outlays)

p2 B1 Salaries

Include + expenditures and encumbrances from income reported in A1a-f (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant) above

+ total salaries paid all staff (full-time, part-time, seasonal, substitute, hourly, etc.) holding positions routinely included in the library budget year after year

Exclude - contracted services such as maintenance  
- salaries paid with federal monies (LSCA, CETA, etc.) other than federal revenue sharing  
- salaries paid by other municipal departments  
- pension and fringe benefit expenditures (If either or both are paid from the library's Total Appropriated Municipal Income and/or Additional Monies - Nongrant, include the amount expended in "Other Operating Expenditures" Box B3 below.)



p2 Box B1 Place the amount of salary expenditures/encumbrances to the right in Box B1 labeled "Total Salary Expenditures."

p2 B2a1-3 Library Print Materials

Include + expenditures and encumbrances from income reported in A1a-f (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant) above

+ for books, the amount expended and encumbered for books and other printed materials catalogued or made ready for use (processed) in the same manner as books

+ separate amounts for periodicals and microforms

p2 Sub-  
total Add lines B2a1-3 and place the total below in the box labeled "Library Print Materials Subtotal."

p2 B2b Library Non-Print and Additional Materials

Include + expenditures and encumbrances for income reported in A1a-f (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant) above

+ audio recordings (disc, reel-to-reel tape, and cassette audio recordings)

+ 8 and 16mm films if they are part of the library's permanent collection

+ other AV materials which require the use of special equipment to be seen or heard

+ additional non-book library materials which do not require the use of special equipment to be seen or heard, e.g., maps, art prints, globes, vertical file material, and games

+ microcomputer software

p2 Box B2 Add the amounts reported in the box marked Library Print Materials Subtotal and on line B2b (Library Non-Print and Additional Materials) and place the total to the right in Box B2 labeled "Total Materials Expenditures."

p2 B3 Other Operating Expenditures

Include expenditures and encumbrances:

+ from income reported in A1a-f (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant) above

+ for all purposes other than salaries and materials

+ for items such as the following, for example:

- maintenance of plant
- electricity
- telephone and telecommunications
- equipment and film rentals
- contracted services
- annual network and consortia membership fees
- supplies
- postage
- fees for speakers
- binding and rebinding
- pension and fringe benefit costs

Exclude - expenditures and encumbrances from income reported in A3a-e (Additional Monies - Grant) and C1a-b (Capital Programs and Outlays)

p2 Box B3 Place the amount to the right in Box B3 labeled "Other Operating Expenditures."

p2 Box B Total Operating Expenditures

Add Boxes B1, B2, and B3 and place the total to the right in Box B labeled "Total Operating Expenditures."

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p2 C CAPITAL PROGRAMS AND OUTLAYS

Libraries where automated systems have been purchased or that are participating in automated networks for resource sharing (e.g. NOBLE, Merrimack Valley Library Cooperative, C/W MARS, etc.) should record here the income for and expenditures on hardware associated with that membership.

p2 C1 INCOME (Capital)

Include + income for capital programs or outlays, generally defined as resulting in the acquisition of, or addition to, fixed assets which will remain usable in excess of one year. Municipalities, however, often have their own definition of what constitutes a capital program or outlay. If available, use the municipality's definition or that of the Board of Trustees. Note that any Income reported here in section C1 should not be reported in section A.

C1a Appropriated Municipal Income (Capital)

Include + appropriations for capital programs and outlays

C1b Additional Monies (Capital)

Include + income for capital programs and outlays from, for example:  
interest from trusts and endowments  
monetary gifts  
Friends of the Library  
federal monies  
state monies

p2 Box C1 Add lines C1a and b and place the sum in the box below labeled C1.

p2 C2 Expenditures (Capital)

Include + all expenditures and encumbrances for capital programs and outlays taken from the sources of income listed above in C1a and b. Note that any expenditures reported here in section C2 should not be reported in section B.

p2 Box C2 Place the sum of all such expenditures and encumbrances to the right in the box labeled C2.

## A. HOLDINGS

## 1. LIBRARY PRINT MATERIALS

- a. Volumes Owned.....
- b. Volumes of Bound Periodicals.....
- c. Periodical Subscriptions Rec'd.....
- d. Physical Units of Microforms.....

## 2. LIBRARY NON-PRINT &amp; ADDITIONAL MATERIALS

- a. Audio Recordings.....
- b. Films 8mm.....
- c. Films 16mm.....
- d. Filmstrips.....
- e. Slide Sets.....
- f. Videotapes:.....reels \_\_\_\_\_ + cassettes \_\_\_\_\_ =
- g. Multi-media Kits.....
- h. Framed Art Prints.....
- i. Other.....

TOTAL A

## B. CIRCULATION

## 1. LIBRARY PRINT MATERIALS

- a. Direct Circulation to Users.....
- b. Circulation from other Libraries to Users (ILL).....
- c. Circulation to other Libraries (ILL).....

## 2. LIBRARY NON-PRINT &amp; ADDITIONAL MATERIALS

- a. Audio Recordings.....
- b. Films 8mm.....
- c. Films 16mm.....
- d. Filmstrips.....
- e. Slide Sets.....
- f. Videotapes:.....reels \_\_\_\_\_ + cassettes \_\_\_\_\_ =
- g. Multi-media Kits.....
- h. Framed Art Prints.....
- i. Other.....

TOTAL B

Data reported on this page should be for FY83, covering the 12-month period between July 1, 1982 and June 30, 1983. If data are reported for another 12-month period, please supply inclusive dates here \_\_\_\_\_.

ANNUAL REPORT INFORMATION SURVEY INSTRUCTIONS

HOLDINGS AND CIRCULATION INFORMATION FOR FY83

A1 HOLDINGS: LIBRARY PRINT MATERIALS

A1a Volumes Owned: Count one for each volume (i.e. physical unit, either hard or soft bound) owned by the library in its catalogued collection of books and related printed materials catalogued or processed in the same manner as books.

A1b Volumes of Bound Periodicals: Count, according to the method used in your library, the number of volumes of hardbound periodicals owned by the library. Report "0" if the library does not own any volumes of bound periodicals.

A1c Periodical Subscriptions Received: Count one for each title, excluding duplicate subscriptions.

A1d Physical Units of Microforms: Count one for each roll of microfilm or each card of microfiche.

A2 HOLDINGS: LIBRARY NON-PRINT & ADDITIONAL MATERIALS: For each of the media listed, count materials separately by title, including one for each titled part of a series.

A2a Audio recordings: Include discs, reel-to-reel tapes, and cassettes.

A2b-c Films 8mm and 16mm: Count only those owned by the library.

A2d-e Filmstrips and Slide Sets: Include sound and silent.

A2f Video tapes: Include, if possible, a separate figure for permanent reel-to-reel tapes and cassette tapes, either commercially or non-commercially produced. Also, please provide a total count of all video tapes (excluding, of course, blank tapes).

A2g Multi-Media Kits: A kit is a variety of media formats (usually a minimum of 3) gathered and integrated into a unit such that the varied components overlap and reinforce the value of each other. Count one for each kit title.

A2h Framed Art Prints: Include framed art prints intended for circulation. Do not include individual photographs or clippings.

A2i Other: Include materials not listed individually such as globes, games, puzzles, toys, realia, maps, microcomputer software, vertical file material, etc. Count one for each drawer of vertical file material; for all other items count or estimate one for each title.

Add lines A1a and A2a-h, placing the figure below on the dark line labeled "TOTAL A." Do not include lines A1b-d and A2i in the total.

B1 CIRCULATION: LIBRARY PRINT MATERIALS

- B1a Direct Circulation to Users: Count one for each book or issue of a periodical lent from the collection to users, and one for each renewal, including circulation from bookmobiles operated by the library. Circulation of materials owned by the regional public library system should also be included in this count.
- B1b Circulation from Other Libraries to Users (ILL): Count one for each book or issue of a periodical received from another library's collection and circulated to users, and one for each renewal. This figure should reflect the interlibrary loans received by the library.
- B1c Circulation To Other Libraries (ILL): Count one for each book or issue of a periodical loaned to another library, and one for each renewal. This figure should reflect the interlibrary loans sent by the library.

B2 CIRCULATION: LIBRARY NON-PRINT & ADDITIONAL MATERIALS

- B2a-i Count one for each title lent from the library's own collection, or received from the regional public library system or from another library's collection and lent to users or another library, and one for each renewal.

Add lines B1a-c and B2a-h, placing the figure below on the dark line labeled "TOTAL B." Do not include line B2i in the total.

If you have any questions, please call the Planning and Research Unit staff at 1-800-952-7403 or 267-9400.

# Municipal Index to Population Groups



<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>
ABINGTON	IV	BARRE	II	BREWSTER	III
ACTON	IV	BECKET	I	BRIDGEWATER	IV
ACUSHNET	III	BEDFORD	IV	BRIMFIELD	II
ADAMS	IV	BELCHERTOWN	III	BROCKTON	VI
AGAWAM	V	BELLINGHAM	IV	BROOKFIELD	II
ALFORD	I	BELMONT	V	BROOKLINE	VI
AMESBURY	IV	BERKLEY	II	BUCKLAND	I
AMHERST	V	BERLIN	II	BURLINGTON	IV
ANDOVER	V	BERNARDSTON	I	CAMBRIDGE	VI
ARLINGTON	V	BEVERLY	V	CANTON	IV
ASHBURNHAM	II	BILLERICA	V	CARLISLE	II
ASHBY	II	BLACKSTONE	III	CARVER	III
ASHFIELD	I	BLANDFORD	I	CHARLEMONT	I
ASHLAND	III	BOLTON	II	CHARLTON	III
ATHOL	IV	BOSTON	VII	CHATHAM	III
ATTLEBORO	V	BOURNE	IV	CHELMSFORD	V
AUBURN	IV	BOXBOROUGH	II	CHELSEA	V
AVON	III	BOXFORD	III	CHESHIRE	II
AYER	III	BOYLSTON	II	CHESTER	I
BARNSTABLE	V	BRAINTREE	V	CHESTERFIELD	I

<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>
CHICOPEE	VI	DUNSTABLE	I	FRANKLIN	IV
CHILMARK	I	DUXBURY	IV	FREETOWN	III
CLARKSBURG	I	EAST BRIDGEWATER	III	GARDNER	IV
CLINTON	IV	EAST BROOKFIELD	I	GAY HEAD	I
COHASSET	III	EAST LONGMEADOW	IV	GEORGETOWN	III
COLRAIN	I	EASTHAM	II	GILL	I
CONCORD	IV	EASTHAMPTON	IV	GLOUCESTER	V
CONWAY	I	EASTON	IV	GOSHEN	I
CUMMINGTON	I	EDGARTOWN	II	GOSNOLD	I
DALTON	III	EGREMONT	I	GRAFTON	IV
DANVERS	IV	ERVING	I	GRANBY	III
DARTMOUTH	IV	ESSEX	II	GRANVILLE	I
DEDHAM	V	EVERETT	V	GREAT BARRINGTON	III
DEERFIELD	II	FAIRHAVEN	IV	GREENFIELD	IV
DENNIS	IV	FALL RIVER	VI	GROTON	III
DIGHTON	III	FALMOUTH	IV	GROVELAND	III
DOUGLAS	II	FITCHBURG	V	HADLEY	II
DOVER	II	FLORIDA	I	HALIFAX	III
DRACUT	IV	FOXBOROUGH	IV	HAMILTON	III
DUDLEY	III	FRAMINGHAM	VI	HAMPDEN	II

<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>
HANCOCK	I	HULL	III	LUNENBURG	III
HANOVER	IV	HUNTINGTON	I	LYNN	VI
HANSON	III	IPSWICH	IV	LYNNFIELD	IV
HARDWICK	II	KINGSTON	III	MALDEN	VI
HARVARD	IV	LAKEVILLE	III	MANCHESTER	III
HARWICH	III	LANCASTER	III	MANSFIELD	IV
HATFIELD	II	LANESBOROUGH	II	MARBLEHEAD	IV
HAVERHILL	V	LAWRENCE	VI	MARION	II
HEATH	I	LEE	III	MARLBOROUGH	V
HINGHAM	IV	LEICESTER	III	MARSHFIELD	IV
HINSDALE	I	LENOX	III	MASHPEE	II
HOLBROOK	IV	LEOMINSTER	V	MATTAPOISETT	III
HOLDEN	IV	LEVERETT	I	MAYNARD	III
HOLLAND	I	LEXINGTON	V	MEDFIELD	IV
HOLLISTON	IV	LEYDEN	I	MEDFORD	VI
HOLYOKE	V	LINCOLN	III	MEDWAY	III
HOPEDALE	II	LITTLETON	III	MELROSE	V
HOPKINTON	III	LONGMEADOW	IV	MENDON	II
HUBBARDSTON	I	LOWELL	VI	MERRIMAC	II
HUDSON	IV	LUDLOW	IV	METHUEN	V

<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>
MIDDLEBOROUGH	IV	NEW SALEM	I	ORLEANS	III
MIDDLEFIELD	I	NEWBURY	II	OTIS	I
MIDDLETON	II	NEWBURYPORT	IV	OXFORD	IV
MILFORD	IV	NEWTON	VI	PALMER	IV
MILLBURY	IV	NORFOLK	III	PAXTON	II
MILLIS	III	NORTH ADAMS	IV	PEABODY	V
MILLVILLE	I	NORTH ANDOVER	IV	PELHAM	I
MILTON	V	NORTH ATTLEBORO	IV	PEMBROKE	IV
MONROE	I	NORTH BROOKFIELD	II	PEPPERELL	III
MONSON	III	NORTH READING	IV	PERU	I
MONTAGUE	III	NORTHAMPTON	V	PETERSHAM	I
MONTEREY	I	NORTHBOROUGH	IV	PHILLIPSTON	I
MT. WASHINGTON	I	NORTHBRIDGE	IV	PITTSFIELD	VI
NAHANT	II	NORTHFIELD	II	PLAINFIELD	I
NANTUCKET	III	NORTON	IV	PLAINVILLE	III
NATICK	V	NORWELL	III	PLYMOUTH	V
NEEDHAM	V	NORWOOD	V	PLYMPTON	I
NEW BEDFORD	VI	OAK BLUFFS	I	PRINCETON	II
NEW BRAINTREE	I	OAKHAM	I	PROVINCETOWN	II
NEW MARLBOROUGH	I	ORANGE	III	QUINCY	VI

<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>
RANDOLPH	V	SCITUATE	IV	STONEHAM	IV
RAYNHAM	III	SEEKONK	IV	STOUGHTON	V
READING	IV	SHARON	IV	STOW	III
REHOBOTH	III	SHEFFIELD	II	STURBRIDGE	III
REVERE	V	SHELBURNE	II	SUDBURY	IV
RICHMOND	I	SHERBORN	II	SUNDERLAND	II
ROCHESTER	II	SHIRLEY	III	SUTTON	III
ROCKLAND	IV	SHREWSBURY	IV	SWAMPSCOTT	IV
ROCKPORT	III	SHUTESBURY	I	SWANSEA	IV
ROWE	I	SOMERSET	IV	TAUNTON	V
ROWLEY	II	SOMERVILLE	VI	TEMPLETON	III
ROYALSTON	I	SOUTH HADLEY	IV	TEWKSBURY	IV
RUSSELL	I	SOUTHAMPTON	II	TISBURY	II
RUTLAND	II	SOUTHBOROUGH	III	TOLLAND	I
SALEM	V	SOUTHBRIDGE	IV	TOPSFIELD	III
SALISBURY	III	SOUTHWICK	III	TOWNSEND	III
SANDISFIELD	I	SPENCER	IV	TRURO	I
SANDWICH	III	SPRINGFIELD	VII	TYNGSBORO	III
SAUGUS	IV	STERLING	III	TYRINGHAM	I
SAVOY	I	STOCKBRIDGE	II	UPTON	II

<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>
UXBRIDGE	III	WEST SPRINGFIELD	V	WINDSOR	I
WAKEFIELD	IV	WEST STOCKBRIDGE	I	WINTHROP	IV
WALES	I	WEST TISBURY	I	WOBURN	V
WALPOLE	IV	WESTBOROUGH	IV	WORCESTER	VII
WALTHAM	VI	WESTFIELD	V	WORTHINGTON	I
WARE	III	WESTFORD	IV	WRENTHAM	III
WAREHAM	IV	WESTHAMPTON	I	YARMOUTH	IV
WARREN	II	WESTMINSTER	III		
WARWICK	I	WESTON	IV		
WATERTOWN	V	WESTPORT	IV		
WAYLAND	IV	WESTWOOD	IV		
WEBSTER	IV	WEYMOUTH	VI		
WELLESLEY	V	WHATELY	I		
WELLFLEET	II	WHITMAN	IV		
WENDELL	I	WILBRAHAM	IV		
WENHAM	II	WILLIAMSBURG	II		
WEST BOYLSTON	III	WILLIAMSTOWN	III		
WEST BRIDGEWATER	III	WILMINGTON	IV		
WEST BROOKFIELD	II	WINCHENDON	III		
WEST NEWBURY	II	WINCHESTER	IV		









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DECEMBER 1984

MASSACHUSETTS BOARD OF LIBRARY COMMISSIONERS  
648 Beacon Street Boston, MA 02215

Comparative Public  
Library Report

**DATA FOR  
MASSACHUSETTS FY84**



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Printed with LSCA Title I funds

The activity which is the subject of this report was supported in part by the U.S. Department of Education. However, the opinions expressed herein do not necessarily reflect the position or policy of the U.S. Department of Education, and no official endorsement by the U.S. Department of Education should be inferred.

# Contents

Introduction.....	page 1
Statewide Data.....	5
Usage Notes.....	7

## Section One: Summary Tables

Table A	Total Operating Income Per Capita.....	13
Table B	Appropriated Municipal Income Per Capita.....	14
Table C	Total Operating Expenditures Per Capita.....	14
Table D	Salary Expenditures Per Capita.....	15
Table E	Salary Expenditures as Percent of Total Operating Expenditures.....	15
Table F	Materials Expenditures Per Capita.....	16
Table G	Materials Expenditures as Percent of Total Operating Expenditures.....	16
Table H	Holdings Per Capita.....	17
Table I	Circulation Per Capita.....	17

## Section Two: Data for Individual Municipalities

Population Group I	(1 - 1,999).....	20
Population Group II	(2,000 - 4,999).....	24
Population Group III	(5,000 - 9,999).....	28
Population Group IV	(10,000 - 24,999).....	32
Population Group V	(25,000 - 49,999).....	38
Population Group VI	(50,000 - 99,999).....	41
Population Group VII	(100,000 + ).....	43

## Section Three: Survey Instruments

FY85 Library Incentive Grant Application, Page 2 and Instructions.....	46
Annual Report Information Survey, Last Page and Instructions.....	55

Municipal Index to Population Groups.....	60
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# Introduction

This report is designed to facilitate the comparison of FY84 support and activity levels among public libraries and, in combination with past issues, to contribute to longitudinal analysis undertaken by individual libraries. Using data reported on the FY85 Library Incentive Grant Application and the Annual Report Information Survey forms, indicators of library support and activity are identified and percentage and per capita figures are computed for reporting municipalities.

With few exceptions, financial, collection, and hours open data are for the twelve month period ending June 30, 1984. Twenty-three libraries reported holdings and/or circulation data for another period, most frequently, for calendar year 1983. The work week and full-time equivalents (FTE) data are reported as of July 1, 1984.

The report reflects financial and hours open data for 316 or 91% of the 346 municipalities with public libraries. A total of 325 or 94% of the municipalities supplied holdings, work week, and staffing data; 324 supplied circulation data. The five municipalities without public libraries are not listed in the report. They are

dawley, population 280, population rank 345; Millville, population 1,693, rank 289; Montgomery 637 and 332; New Ashford 159 and 349; and Washington 587 and 336 respectively.

## ARRANGEMENT OF THE REPORT

The report is arranged in three sections: Summary Tables, Municipal Tables, and the survey forms. Statewide data for selected indicators follow the Introduction. The Usage Notes preceding the Summary Tables illustrate how those tables may be used. They also contain a formula for calculating percentiles not appearing in the Summary Tables.

### Section One: Summary Tables

The summary tables display the mean (average), median, and the 10th, 25th, 75th, and 90th percentile values of nine indicators for population groups I through VI. Because of the small number of municipalities in group VI, the percentiles for this group should be considered estimates only.

Means, medians, and percentiles are superfluous for group VII, the three municipalities with populations in

excess of 100,000. Data for these municipalities appear in the municipal tables only.

### Section Two: Municipal Tables

The municipal tables contain data for individual municipalities arranged in seven population groups based on the 1980 federal census. See the Index to determine in which population group a municipality falls.

### INDICATORS OF LIBRARY SUPPORT & ACTIVITY

In addition to 1980 population, 1980 population rank, and regional system affiliation (Central, Eastern, or Western), the following library data appear in this order in the municipal tables: Total Operating Income Per Capita; Appropriated Municipal Income Per Capita; Total Operating Expenditures Per Capita; Salary Expenditures Per Capita and as a Percent of Total Operating Expenditures; Materials Expenditures Per Capita and as a Percent of Total Operating Expenditures; Holdings Per Capita; Circulation Per Capita; Hours Open in the Winter and Summer; Hours in the Work Week; and Full-Time Equivalents of staff.

The emphasis of the report is municipal data. Therefore, we ask that the state funds received by libraries that contract with the Board of Library Commissioners to provide regional services be omitted from the report.

Only three categories of federal and state funds have been included in the report. Libraries were asked to include federal revenue sharing, the Massachusetts Library Incentive Grant and the Additional Aid to Public Libraries monies in their income and expenditure figures.

The Total Operating Income data are not comparable in terms of categories of income and access to the income. The income components depend on the municipality and the manner of reporting. For example, Total Operating Income may reflect all or some of the components of Appropriated Municipal Income plus trust or endowment income, and/or income from monetary gifts or miscellaneous sources.

The discretion with which trust and/or endowment income may be expended varies widely among libraries depending on the fund restrictions. Some funds, for example, restrict expenditures to materials on a relatively narrow topic. As a result, a library's operating income will appear inflated until selected materials complying with the fund requirements are acquired.

Print and non-print data are combined in the Holdings and Circulation indicators.

Hours Open, Winter and Summer, displays the number of hours in an average week that the library was open to the public in FY84. Hours for branch libraries are included if they do not overlap main

library hours.

Hours in the Work Week, for larger libraries, is the number of hours typically worked per week by a full-time employee. For smaller libraries where no one works 35 hours, the figure is the greatest number of hours worked in a typical week by a salaried staff member. Depending on the municipality, that work week may be considered full-time, even though it is less than 35 hours.

The full-time equivalents (FTE) reflect paid staff, excluding those paid by state or federally subsidized employment programs. As with the municipal tables in last year's report, one FTE = 35 hours.

With one exception, this report reflects the combined levels of library support and activity for all reporting libraries within municipalities with more than one library system receiving public funds. Only the Paige Memorial Library supplied work week, holdings, circulation, and FTE figures for Hardwick.

#### LIBRARY INCENTIVE GRANT PROGRAM

The compilation of data for this report may not necessarily correspond to the data used to determine compliance with minimum standards for the FY85 Library Incentive Grant Program.

#### STATEWIDE DATA

Data for selected financial and collection indicators are shown for the last three fiscal years with per capitas based on the population served by the libraries responding each year.

Unlike last year's report, the statewide FTE figures do not include staff paid through state or federally funded employment programs.

Please note these changes, which reflect a correction and late responses, to last year's data: the total number of full-time equivalents increased by 3.37% between FY82 and FY83 and by 4.08% between FY81 and FY83.

The agency welcomes your comments and suggestions and examples of how the report is being used.

Mary Litterst  
Planning & Research Specialist

Mandy Kulatilaka  
Computer Programmer

Ruth Lemont  
Planning & Research

Robert E. Dugan, Head  
Fiscal Planning & Systems Development



STATISTICS OF PUBLIC LIBRARIES STATEWIDE SUMMARY FOR SELECTED INDICATORS, FY 82-84

(per capita figures in parentheses)

FY <sup>a</sup>	No. of Reptg Libs. <sup>b</sup>	No. of Reptg Muns. <sup>b</sup>	Total Operating Income \$	Appropriated Municipal Income \$	Total Operating Expenditures \$	Salary Expenditures \$	Materials Expenditures \$	Holdings	Circulation	FTE <sup>h</sup>
1982	349	319	60,930,302 (10.85)	57,379,771 (10.22)	59,513,445 (10.60)	41,201,035 ( 7.34)	9,111,205 ( 1.62)	25,683,464 <sup>c</sup> ( 4.54)	32,996,215 <sup>d</sup> ( 5.92)	3365.0 <sup>c</sup>
1983	341	314	66,446,313 (11.89)	62,451,848 (11.18)	64,449,491 (11.54)	44,215,363 ( 7.91)	10,721,444 ( 1.92)	25,974,565 <sup>e</sup> ( 4.60)	33,070,066 <sup>e</sup> ( 5.86)	3482.7 <sup>e</sup>
1984	343	316	71,306,842 (12.72)	67,354,474 (12.02)	69,740,452 (12.44)	47,682,511 ( 8.51)	11,307,680 ( 2.02)	26,397,755 <sup>f</sup> ( 4.67)	31,276,373 <sup>g</sup> ( 5.53)	3561.5 <sup>f</sup>
82-83	% CHANGE IN PER CAPITA FIGURES		9.59	9.39	8.87	7.77	18.52	1.32	-1.01	3.50%
83-84			6.98	7.51	7.80	7.59	5.21	1.52	-5.63	2.26%
82-84			17.24	17.61	17.36	15.94	24.69	2.86	-6.59	5.84%

Per capita figures are based on the population (1980 U.S. census) of municipalities served by responding libraries.

FY82, population served by responding libraries for financial indicators = 5,615,381

for holdings data = 5,661,715

for circulation data = 5,569,297

FY83, population served by responding libraries for financial indicators = 5,586,706

for holdings and circulation data = 5,644,210

FY84, population served by responding libraries for financial indicators = 5,605,527

for holdings data = 5,657,959

for circulation data = 5,655,648

a. Fiscal year applies to all indicators except FTE which are reported as of July 1 of each year

b. Reporting financial data

c. Holdings and FTE data based on 357 libraries reporting from 327 municipalities

d. Circulation based on 356 libraries reporting from 326 municipalities

e. Holdings, circulation, and FTE data based on 353 libraries reporting from 326 municipalities

f. Holdings and FTE data based on 352 libraries reporting from 325 municipalities

g. Circulation based on 351 libraries reporting from 324 municipalities

h. Rate of change calculated on gross figures, not per capita figures





# Usage Notes

The statistical measures applied to each indicator of library support and activity in the Summary Tables are:

**The Mean** a measure of central tendency which is commonly termed the "average." It is derived by dividing the sum of all the values in any particular group of data by the number of values included in that total.

**Percentile Rank** describes the position of a value in its distribution, indicating the percent of cases in a distribution falling at or below the value of an indicator. For example, the library of a hypothetical municipality has a per capita operating expenditure of \$6.00 and a corresponding percentile rank of 25. This indicates that 25% of the municipalities in the population group have the same or smaller per capita operating expenditure than the sample library.

**The Median** the popular term for the 50th percentile; is equal to the value of an indicator at or below which 50% of the values fall. The value of the median differs from the value of the mean when the distribution of the values of an indicator is not regular, but rather skewed or piled at either end of the range. When there is considerable difference between the median and the mean, the median is generally thought of as being the more valid measure of central tendency.

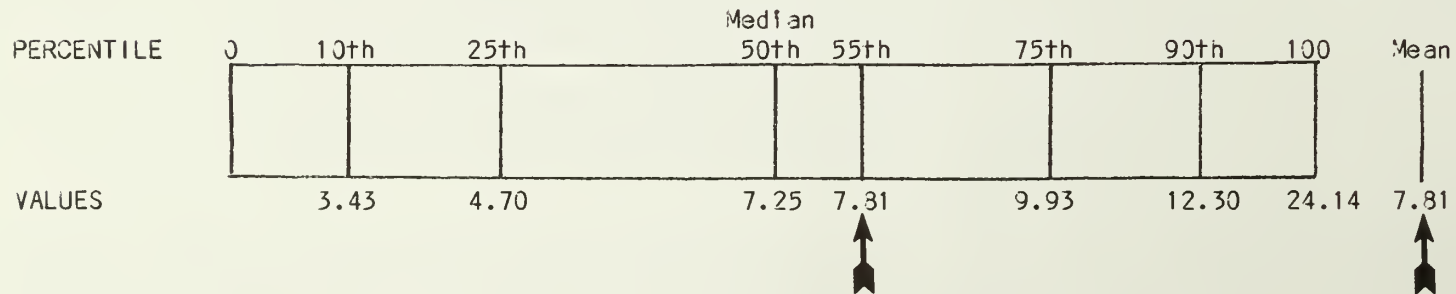
As mentioned in the introduction, percentiles are not the most descriptive measures when the sample size is small, the distribution is skewed, or the range of values is small. This is especially evident in Tables E and G. In Table G, for example, 16% is displayed as the value of both the 10th and 25th percentiles for the 10,000-24,999 population group. This is the result of a skewed distribution in a range of values consisting of rounded whole numbers.

Constructed below are hypothetical library situations designed to illustrate how the Summary Tables may be used to compare a municipality with those in its population group or in other population groups.

**Example A:** In some instances, the value of an indicator may fall between the displayed values of a statistical measure, for example, between the median (50th percentile) and the 75th percentile.

For a library in a hypothetical municipality in the 10,000 to 24,999 population group (group IV), salary expenditures are equal to \$7.81 per capita.

From Summary Table D, we see that 7.81 falls between the values of the median (7.25) and the 75th percentile (9.93). We can estimate that for the library in our hypothetical municipality, salary expenditures per capita are equal to or greater than 55% of the municipalities reporting in this population group.



Undisplayed percentile ranks may be calculated by the shorthand interpolation procedure used to compute the 55th percentile in Example A. This was done by:

- a - Finding the difference between the displayed values falling above (9.93) and below (7.25) our hypothetical value (7.81). The difference is 2.68 salary expenditures dollars per capita.
- b - Finding the difference between our hypothetical value (7.81) and the displayed value falling below it (7.25). The difference is .56 salary expenditures dollars per capita.
- c - Determining the ratio of the latter total to the former (.56 divided by 2.68), which equals .209.
- d - Finding the difference between the displayed percentiles corresponding to the displayed values falling above and below our hypothetical value (7.81). In our example, the difference between the corresponding percentiles (75th and median/50th) is 25 percentile units.
- e - Interpolating the ratio from the values line to the difference between the displayed percentiles. In our example, the ratio is .209 (see c above) and the difference between the percentiles is 25 (see d above).  $.209 \times 25 = 5.23$  percentile units.
- f - Adding the interpolated percentile units to the displayed percentile falling below our hypothetical value to arrive at the estimated percentile rank of our hypothetical library. In our example,  $5.23 + 50 = 55.23 = 55\text{th percentile}$ .

It should be noted that this procedure assumes that the size of the intervals between values is constant throughout the distribution. Quite often there is slight variability in their size, so that ranks computed by this method must be considered estimates.

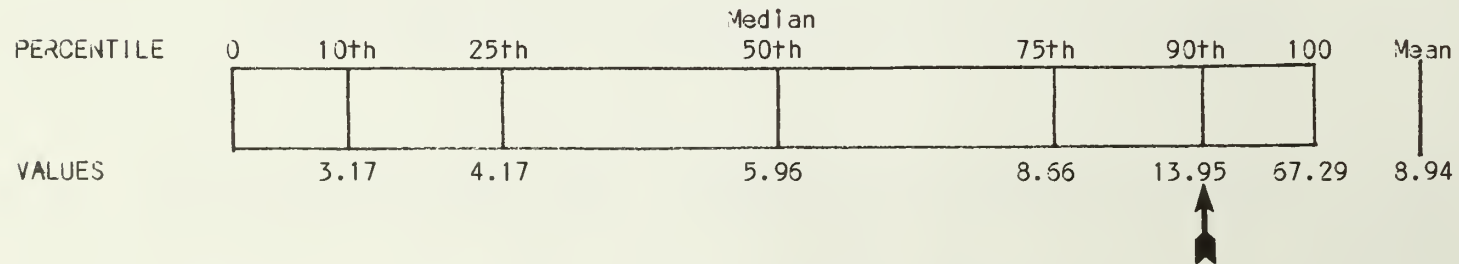
For each indicator it is most useful to review the results of the statistical measures in conjunction with one another.

Another look at Summary Table D indicates that the hypothetical library mentioned in Example A has a salary expenditures per capita figure equal to the mean figure (7.81) of the population group.

Therefore, while we may say that salary expenditures per capita are equal to the "average" for this population group, it remains true that for our hypothetical municipality, per capita salary expenditures are greater than or equal to 55% of the reporting municipalities in this population group.

**Example 3:** In some cases, percentile values may be used effectively to qualify the minimal information provided by the range of values for an indicator and population group. For example, a library in a hypothetical municipality in the 1 to 1,999 population group (group 1) could have a total operating income of \$13.95 per capita.

From Summary Table A, we see that 13.95 equals the value of the 90th percentile and falls approximately one fifth of the way between the range of total operating incomes per capita (.34 through 67.29) of all reporting libraries in this population group.



We may say, therefore, that even though the hypothetical library's total operating income per capita is only about one fifth as much as that of the library with the highest value in the population group (\$67.29), it still has a total operating income per capita greater than or equal to that of 90% of the libraries in this population group.

Readers need not restrict themselves to comparisons within the seven population groups used for this report. For libraries serving populations in the upper and lower ends of these groups, it may be more useful to construct different groups containing libraries serving more similarly sized populations. The population rank provided in the Municipal Tables may be used to select municipalities of similar population size.

Likewise, readers need not restrict themselves to using population served as the basis of comparison among libraries. Any indicator in the report may be used to group similar libraries and to form the basis of comparison among them. From the Municipal Tables, a reader may identify municipalities having similar values for one or more of the support and activity indicators and thereby establish a group of similar libraries, regardless of population served.



# Section One: Summary Tables

TABLE A - TOTAL OPERATING INCOME PER CAPITA (\$)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1984

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0.34 - 67.29	3.17	4.17	5.96	8.66	13.95	8.94
2,000 - 4,999	46	2.00 - 39.33	3.04	6.38	8.49	15.21	19.59	11.08
5,000 - 9,999	68	1.35 - 32.17	3.93	6.20	9.66	12.75	15.53	9.85
10,000 - 24,999	87	3.73 - 36.07	5.66	6.97	10.83	14.57	19.11	11.84
25,000 - 49,999	40	3.36 - 28.53	6.44	9.29	12.10	15.55	20.66	13.08
50,000 - 99,999	18	4.53 - 26.07	4.87	7.26	8.89	10.61	14.95	10.13



TABLE B - APPROPRIATED MUNICIPAL INCOME PER CAPITA (\$)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1984

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0.34 - 47.30	2.43	3.64	5.02	7.18	11.59	7.47
2,000 - 4,999	46	2.00 - 29.18	3.02	5.33	7.83	14.19	18.28	10.06
5,000 - 9,999	68	1.19 - 32.10	3.88	4.90	8.07	12.01	14.85	9.13
10,000 - 24,999	87	1.79 - 27.50	5.08	6.82	10.54	14.01	17.72	11.18
25,000 - 49,999	40	1.61 - 28.01	6.44	8.42	10.77	14.00	20.61	12.10
50,000 - 99,999	18	4.40 - 25.84	4.77	7.15	7.99	10.49	14.55	9.83

TABLE C - TOTAL OPERATING EXPENDITURES PER CAPITA (\$)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1984

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0.06 - 58.56	3.04	3.84	5.86	8.48	11.81	8.36
2,000 - 4,999	46	1.93 - 38.08	3.00	6.20	8.28	15.04	19.28	10.81
5,000 - 9,999	68	1.35 - 31.88	3.76	5.51	9.46	12.46	15.36	9.60
10,000 - 24,999	87	3.66 - 35.07	5.66	6.94	10.58	14.12	18.95	11.53
25,000 - 49,999	40	3.36 - 28.47	6.35	8.95	11.67	15.51	20.55	12.85
50,000 - 99,999	18	4.45 - 25.66	4.72	7.13	8.44	10.49	14.56	9.94

TABLE D - SALARY EXPENDITURES PER CAPITA (\$)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1984

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0.00 - 28.79	0.57	1.85	2.67	4.36	5.51	3.98
2,000 - 4,999	46	0.97 - 22.69	1.38	3.13	4.92	8.23	11.49	6.24
5,000 - 9,999	68	0.80 - 22.56	2.31	3.35	5.67	7.21	9.95	5.95
10,000 - 24,999	87	1.42 - 24.14	3.43	4.70	7.25	9.93	12.30	7.81
25,000 - 49,999	40	2.57 - 18.08	4.25	5.30	8.23	10.38	15.46	8.71
50,000 - 99,999	18	3.27 - 18.33	3.68	5.45	6.03	8.03	11.28	7.43

TABLE E - SALARY EXPENDITURES AS PERCENT (%) OF TOTAL OPERATING EXPENDITURES

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1984

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0 - 76	15	36	47	56	65	44
2,000 - 4,999	46	34 - 73	42	50	56	62	66	56
5,000 - 9,999	68	48 - 76	50	56	62	66	69	61
10,000 - 24,999	87	30 - 81	57	64	69	72	74	67
25,000 - 49,999	40	52 - 77	60	65	68	73	74	68
50,000 - 99,999	18	53 - 85	63	71	77	80	81	75

TABLE F - MATERIALS EXPENDITURES PER CAPITA (\$)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1984

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0.06 - 21.30	0.81	1.18	1.89	2.73	3.80	2.53
2,000 - 4,999	46	0.61 - 9.43	1.09	1.59	2.07	3.65	4.50	2.68
5,000 - 9,999	68	0.40 - 5.79	0.89	1.23	2.13	2.80	3.33	2.16
10,000 - 24,999	87	0.45 - 5.35	1.05	1.36	1.91	2.62	3.63	2.12
25,000 - 49,999	40	0.45 - 4.82	0.90	1.42	1.72	2.31	3.00	2.03
50,000 - 99,999	18	0.52 - 4.14	0.81	0.91	1.05	1.47	2.29	1.40

TABLE G - MATERIALS EXPENDITURES AS PERCENT (%) OF TOTAL OPERATING EXPENDITURES

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1984

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	16 - 100	20	22	30	36	54	34
2,000 - 4,999	46	20 - 45	21	23	25	28	32	26
5,000 - 9,999	68	17 - 40	19	21	22	24	29	23
10,000 - 24,999	87	8 - 32	16	16	18	20	24	19
25,000 - 49,999	40	12 - 21	13	14	16	17	19	16
50,000 - 99,999	18	11 - 19	11	12	13	15	16	14

TABLE H - HOLDINGS PER CAPITA

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1984

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	55	2.37 - 59.52	3.83	5.48	8.06	12.05	21.17	11.40
2,000 - 4,999	50	2.44 - 27.06	3.08	4.40	5.85	7.80	10.75	7.28
5,000 - 9,999	71	1.19 - 9.74	2.16	3.09	4.28	5.62	7.09	4.54
10,000 - 24,999	88	1.50 - 13.07	2.14	2.79	3.52	4.56	5.84	3.88
25,000 - 49,999	40	1.39 - 12.35	1.89	3.01	3.69	5.18	6.42	4.27
50,000 - 99,999	18	1.93 - 6.89	2.04	2.59	3.27	3.96	4.56	3.46

TABLE I - CIRCULATION PER CAPITA

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1984

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	55	0.23 - 51.55	2.96	4.31	7.32	9.85	13.12	9.28
2,000 - 4,999	49	1.37 - 26.79	2.35	4.74	5.97	10.02	16.92	8.30
5,000 - 9,999	71	1.00 - 22.52	2.76	4.12	5.80	8.30	11.36	6.61
10,000 - 24,999	88	2.09 - 15.06	3.21	4.77	6.90	8.64	12.06	7.15
25,000 - 49,999	40	1.11 - 16.52	2.57	4.51	5.99	7.85	11.13	6.54
50,000 - 99,999	18	1.06 - 8.43	1.69	2.40	4.03	5.43	7.29	4.26



## Section Two: Data for Individual Municipalities

Population Group I  
(1-1,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS IN WORK WEEK	FTE
1. ALFORD	394	341	W													
2. ASHFIELD	1,458	297	W	8.43	4.23	8.43	4.53	54	2.08	25	7.55	9.74	15	15	20	0.8
3. BECKET	1,339	299	W	5.55	4.07	5.50	0.90	16	1.17	21	30.73	13.03	11.5	13.5	12	0.3
4. BERNARDSTON	1,750	287	W													
5. BLANDFORD	1,038	313	W	8.11	7.21	7.95	3.94	50	1.98	25	8.96	19.12	21	21	21	0.6
6. BUCKLAND	1,864	284	W								6.90	3.26			12.5	0.4
7. CHARLEMONT	1,149	308	W	3.89	2.39	2.99	2.27	76	0.61	20	2.37	1.61	11	11	11	0.3
8. CHESTER	1,123	310	W	6.45	4.55	6.45	4.46	69	1.32	21	9.04	5.21	15	15	20	0.6
9. CHESTERFIELD	1,000	316	W	5.86	5.86	5.86	3.27	56	1.58	27	8.56	9.95	15	15.5	15	0.4
10. CHILMARK	489	338	E	67.29	47.30	58.56	28.79	49	21.30	36	48.03	51.55	21	23	28.5	1.7
11. CLARKSBURG	1,871	283	W	3.41	3.41	3.41	2.06	60	1.19	35	4.69	9.84	27	10	25	0.7
12. COLRAIN	1,552	294	W	7.60	6.16	5.86	2.20	38	1.59	27	5.54	4.70	15	15	15	0.4
13. CONWAY	1,213	304	W													
14. CUMMINGTON	657	328	W	4.67	4.65	4.67	0.09	2	2.72	58	13.83	9.32	10	10	20	0.6
15. DUNSTABLE	1,671	290	E	6.51	4.07	6.51	4.36	67	1.81	28	10.70	5.07	14	15.5	15	1.1
16. EAST BROOKFIELD	1,955	282	C	6.83	6.83	6.83	4.86	71	1.38	20	5.31	9.87	30	30	30	0.9
17. EGREMONT	1,311	301	W	3.25	3.25	3.25	2.42	74	0.80	25	5.58	3.73	13	13	13	0.4
18. ERVING	1,326	300	W	4.69	4.69	4.69	1.92	41	2.76	59	14.54	9.77	10	8	6	0.3
19. FLORIDA	730	323	W	3.72	3.72	3.67	0.55	15	2.86	78	9.49	11.64	12	2	12	0.3
20. GAY HEAD	220	347	E	15.05	14.14	11.79	4.80	41	4.28	36	28.30	6.38	9	7.5	10	0.4
21. GILL	1,259	303	W													
22. GOSHEN	651	329	W	6.42	4.12	6.30	2.76	44	3.07	49	9.37	11.37	10	10	10	0.3
23. GOSNOLD	63	351	E													
24. GRANVILLE	1,204	305	W	8.78	8.78	8.74	3.17	36	2.67	31	7.89	4.42	22	11	10	0.5
25. HANCOCK	643	331	W													
26. HEATH	482	339	W	11.83	11.72	11.83	7.04	60	4.15	35	30.57	9.18	10	10	15	0.4



MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS IN WORK WEEK	FTE
27. HINSDALE	1,707	288	W	3.86	2.15	3.86	1.21	31	1.21	31	3.88	10.33	11	11	11	0.3
28. HOLLAND	1,589	292	W	2.98	2.98	2.94	1.14	39	1.06	36	3.78	1.48	10	10	10	0.3
29. HUBBARDSTON	1,797	286	C	6.83	6.13	6.21	2.45	39	2.89	47	5.46	4.35	18.5	12	16.5	0.7
30. HUNTINGTON	1,804	285	W	5.25	5.25	5.25	1.88	36	1.06	20	4.51	4.45	13	13	13	1.1
31. LEVERETT	1,471	296	W	3.11	3.11	3.11	1.85	59	0.99	32	3.87	3.87	18	15	15	0.5
32. LEYDEN	498	337	W	7.03	7.03	7.03	3.62	52	1.41	20	8.23	9.56	10	10	10	0.3
33. MIDDLEFIELD	385	342	W	2.48	2.48	2.06	0.61	30	0.91	44	13.95	7.41	10	7	10	0.4
34. MONROE	179	348	W	5.57	5.57	5.57	3.11	56	2.00	36	24.90	7.56			2	0.1
35. MONTEREY	818	322	W	12.52	12.52	12.52	6.67	53	2.73	22	7.51	13.21	11	11	18	0.6
36. MOUNT WASHINGTON	93	350	W													
37. NEW BRAINTREE	671	327	C	3.56	3.56	3.56	0.39	11	3.17	89	6.64	9.61	10.5	10	10	0.3
38. NEW MARLBOROUGH	1,160	307	W	5.01	4.13	4.99	2.38	48	0.82	16	3.02	7.72	11	15	12	0.3
39. NEW SALEM	688	326	W	5.39	5.02	5.38	1.84	34	1.60	30	10.94	12.59	16	16	11.5	0.6
40. OAK BLUFFS	1,984	280	E													
41. OAKHAM	994	317	C	9.70	9.56	9.70	4.81	50	2.11	22	15.25	11.89	15.5	14.5	15	0.8
42. OTIS	963	318	W													
43. PELHAM	1,112	311	W	4.68	3.75	4.68	1.79	38	2.82	60	6.16	3.60	10	14	10	0.3
44. PERU	633	333	W	1.33	0.78	1.16	0.00	0	0.44	38	9.53	3.28	10	10	0.0	0.0
45. PETERSHAM	1,024	314	C	21.87	3.15	17.44	5.23	30	5.31	30	16.88	9.29	23.5	23.5	13.5	0.8
46. PHILLIPSTON	953	320	C	4.44	4.02	4.19	1.47	35	1.89	45	8.62	4.83	10	10	10	0.3
47. PLAINFIELD	425	340	W	8.53	8.53	8.53	4.27	50	3.28	38	17.44	16.45	13.5	13.5	10	0.3
48. PLYMPTON	1,974	281	E	9.62	9.62	9.45	5.70	60	2.58	27	7.24	6.10	28	28	30	1.2
49. RICHMOND	1,659	291	W	3.83	3.83	3.81	2.67	70	0.81	21	3.50	8.66	11	11	11	0.5
50. ROWE	336	344	W	43.90	43.90	43.85	22.08	50	8.97	20	59.52	39.10	15	15	20	0.9
51. ROYALSTON	955	319	C	6.60	6.60	6.57	2.38	36	1.36	21	7.63	4.19	15	15	15	0.4
52. RUSSELL	1,570	293	W	5.63	5.63	5.41	2.99	55	1.65	31	2.88	2.87	18.5	18.5	10	0.7

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS IN WORK WEEK	FTE
53. SANDISFIELD	720	324	W	6.32	6.32	6.32	2.97	47	2.03	32	6.83	6.83	13	13	8	0.4
54. SAVOY	644	330	W													
55. SHUTESBURY	1,049	312	W	4.56	2.10	3.52	1.22	35	1.29	37	5.88	2.24	10	10	8	0.2
56. TOLLAND	235	346	W													
57. TRURO	1,486	295	E	9.06	7.86	9.06	4.36	48	2.47	27	11.46	6.08	14	24	19	0.6
58. TYRINGHAM	344	343	W													
59. WALES	1,177	306	W	4.52	4.37	4.51	2.11	47	1.16	26	5.11	3.04	10	10	15	0.4
60. WARWICK	603	334	W	12.76	7.30	10.31	4.29	42	2.20	21	13.94	8.27	10	10	10	0.3
61. WENDELL	694	325	W	5.96	5.96	5.96	2.95	50	1.24	21	10.92	3.28	10	10	10	0.3
62. WEST STOCKBRIDGE	1,280	302	W	3.35	3.22	3.35	1.97	59	1.13	34	4.46	5.75	12	12	12	0.3
63. WEST TISBURY	1,010	315	E	31.88	30.93	30.40	18.73	62	7.94	26	14.14	41.70	14	22	20	1.7
64. WESTHAMPTON	1,137	309	W	7.97	7.15	7.97	3.85	48	2.42	30	7.60	7.64	16	16	16	0.6
65. WHATELY	1,341	298	W	14.75	11.40	11.40	4.92	43	2.29	20	11.06	7.22	16	16	25	1.2
66. WINDSOR	598	335	W	0.34	0.34	0.06	0.00	0	0.06	100	5.48	0.23	8.5	8.5	0.0	0.0
67. WORTHINGTON	932	321	W	9.36	6.14	7.91	2.50	32	1.91	24	10.76	6.80	11	11	10	0.4

## Population Group II (2,000 -4,999)

## POPULATION GROUP II (2,000 - 4,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS IN WORK WEEK	FTE
1. ASHBURNHAM	4,075	238	C	6.96	5.48	6.96	3.82	55	1.87	27	4.22	5.10	33	32.5	24	1.7
2. ASHBY	2,311	273	C								11.25	0.00			15	0.4
3. BARRE	4,102	237	C	11.90	9.02	11.90	6.11	51	3.19	27	5.85	3.84	23	23	35	2.0
4. BERKLEY	2,731	266	E	4.56	4.56	4.49	1.97	44	1.07	24	4.37	2.39	15	8	15	0.7
5. BERLIN	2,215	276	C	9.25	9.07	8.64	5.56	64	2.46	28	4.70	5.66	20	20	22	1.2
6. BOLTON	2,530	267	C	7.52	7.52	7.52	3.84	51	1.88	25	5.64	5.82	16	16	25	1.2
7. BOXBOROUGH	3,126	256	C	7.58	7.11	7.21	4.52	63	1.57	22	6.22	7.18	22	22	20	1.7
8. BOYLSTON	3,470	252	C	17.85	16.82	17.67	9.39	53	3.78	21	6.72	6.57	30.5	30.5	35	3.0
9. BRIMFIELD	2,318	272	C													
10. BROOKFIELD	2,397	269	C	7.06	6.56	6.17	3.11	50	1.68	27	6.03	4.73	21	21	21	0.9
11. CARLISLE	3,306	253	E	19.27	18.48	18.82	12.10	64	5.68	30	7.82	17.88	58	58	37	3.4
12. CHESHIRE	3,124	257	W	2.00	2.00	1.93	0.97	51	0.81	42	8.72	4.08	15	15	15	0.4
13. DEERFIELD	4,517	230	W	5.87	5.87	5.77	2.58	45	1.79	31	9.61	5.04	36	26	15	1.8
14. DOUGLAS	3,730	248	C	5.98	5.37	5.98	3.14	52	1.35	23	3.73	2.85	21	21	20	1.2
15. DOVER	4,703	228	E	14.24	13.91	13.77	7.89	57	3.55	26	7.65	7.98	50	36	37	3.3
16. EASTHAM	3,472	251	E	13.27	13.04	13.10	8.11	62	3.53	27	7.57	13.78	35	36	35	2.2
17. EDGARTOWN	2,204	278	E	39.33	29.18	38.08	22.69	60	9.43	25	15.21	16.81	34.5	40	26.5	3.8
18. ESSEX	2,998	261	E	6.41	4.39	6.22	3.89	63	1.66	27	5.47	6.89	27	22	27	1.1
19. HADLEY	4,125	236	W	7.14	7.04	7.14	4.10	57	1.51	21	4.43	3.86	41	41	37	1.9
20. HAMPDEN	4,745	227	W	5.46	5.28	5.28	3.31	63	1.69	32	3.01	5.23	26	21	26	2.2
21. HARDWICK	2,272	274	W	7.75	3.74	6.48	2.19	34	1.57	24	3.95	1.57	20.5	20.5	7	0.3
22. HATFIELD	3,045	259	W	6.57	6.57	6.41	2.87	45	1.84	29	8.71	6.60	15	8.5	15	0.9
23. HOPEDALE	3,905	242	C	17.21	15.12	15.30	7.07	46	4.36	28	7.39	9.69	30	22	30	2.9
24. LANESBOROUGH	3,131	255	W	2.24	2.19	2.24	1.54	69	0.61	27	3.17	4.25	15	15	15	0.6
25. MARION	3,932	241	E	15.53	12.22	15.53	8.14	52	3.62	23	7.78	10.55	37	37	40	2.9
26. MASHPEE	3,700	249	E	8.26	8.03	7.83	5.24	67	1.61	21	2.58	4.44	26	29	25	1.7

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS W IN	OPEN SUM	HRS IN WORK WEEK	FTE
27. MENDON	3,108	258	C	3.18	3.18	3.11	1.15	37	1.39	45	7.11	1.37	15	12	10.5	0.6
28. MERRIMAC	4,451	231	E	10.22	10.06	10.22	7.45	73	2.07	20	4.78	6.08	42	38	40	3.9
29. MIDDLETON	4,135	235	E	16.45	16.40	16.40	10.00	61	3.67	22	4.87	7.45	50	30	30	4.9
30. NAHANT	3,947	240	E	16.60	16.60	16.60	9.27	56	4.09	25	19.14	12.58	32	48	40	3.6
31. NEWBURY	4,529	229	E	8.95	8.90	8.40	5.19	62	1.89	23	2.44	5.29	37	30	33.5	2.4
32. NORTH BROOKFIELD	4,150	233	C								5.00	5.58			22	1.5
33. NORTHFIELD	2,386	270	W	16.79	16.45	16.53	9.17	55	4.43	27	10.75	11.96	31	31	40	2.4
34. PAXTON	3,762	247	C	9.26	7.83	9.21	5.51	60	2.25	24	4.67	6.66	34	20	35	2.3
35. PRINCETON	2,425	268	C	9.26	8.18	9.24	4.49	49	2.93	32	5.80	9.64	16	13	16	1.3
36. PROV INCETOWN	3,536	250	E	24.75	22.71	24.75	15.99	65	4.87	20	3.21	5.05	45	45	40	4.6
37. ROCHESTER	3,205	254	E	2.75	2.52	2.75	1.09	40	0.66	24	2.65	1.98	15	15	15	0.4
38. ROWLEY	3,867	245	E	8.49	8.23	8.49	5.29	62	2.10	25	6.89	4.76	23	23	27.5	2.4
39. RUTLAND	4,334	232	C	6.34	5.06	6.27	2.89	46	2.08	33	3.08	5.01	26	22.5	22	1.4
40. SHEFFIELD	2,743	265	W	13.54	13.31	13.52	8.43	62	3.18	23	9.99	5.86	27	27	40	1.8
41. SHELBURNE	2,002	279	W								23.26	15.38			15	1.5
42. SHERBORN	4,049	239	E	22.28	21.81	22.28	13.22	59	4.57	21	10.71	10.13	56	43	37.5	5.5
43. SOUTHAMPTON	4,137	234	W	8.50	7.59	8.28	4.92	59	2.14	26	4.59	7.00	18	18	22	2.1
44. STOCKBRIDGE	2,328	271	W								27.06	26.79			40	4.7
45. SUNDERLAND	2,929	263	W	2.84	2.77	2.84	1.10	39	1.10	39	4.78	1.77	17	15	14	0.4
46. TISBURY	2,972	262	E													
47. UPTON	3,886	244	C	6.17	5.80	5.81	4.01	69	1.75	30	7.34	7.53	42	42	40	1.7
48. WARREN	3,777	246	C	7.92	6.83	7.21	3.41	47	1.67	23	3.72	4.84	27	28.5	35	1.5
49. WELLFLEET	2,209	277	E	24.68	23.46	23.54	17.16	73	4.95	21	10.42	23.13	29	29	35	4.0
50. WENHAM	3,897	243	E	20.06	18.15	19.96	11.08	56	4.46	22	7.19	19.29	33	29	32.5	4.2
51. WEST BROOKFIELD	3,026	260	C	6.66	3.66	6.66	3.94	59	1.36	20	5.73	11.99	24	24	19	1.4
52. WEST NEWBURY	2,861	264	E	14.89	14.46	14.77	8.32	56	3.73	25	6.79	26.79	30	27	40	2.7

POPULATION GROUP II (2,000 - 4,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS IN WORK WEEK	FTE
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53. WILLIAMSBURG	2,237	275	W													

## Population Group III (5,000 - 9,999)



MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS IN WORK WEEK	FTE
1. ACUSHNET	8,704	164	E													
2. ASHLAND	9,165	157	E								3.76	4.53			30	3.3
3. AVON	5,026	226	E	12.75	12.25	12.75	7.55	59	2.80	22	6.86	7.48	49	42.5	35	3.5
4. AYER	6,993	184	C	8.23	7.89	8.22	5.47	67	1.52	18	2.58	3.26	45	45	40	3.0
5. BELCHERTOWN	8,339	169	W	3.97	3.97	3.97	2.09	53	1.03	26	2.40	3.49	25	15	25	2.1
6. BLACKSTONE	6,570	192	C	2.07	2.07	2.06	1.51	73	0.55	27	2.40	1.00	25	10	25	1.4
7. BOXFORD	5,374	217	E	15.48	15.38	15.48	10.24	66	3.03	20	7.09	8.77	58	58	40	5.4
8. BREWSTER	5,226	220	E	13.50	8.07	13.09	6.36	49	2.67	20	3.77	10.26	26	21.5	35	4.7
9. CARVER	6,988	185	E	4.55	4.53	4.55	2.82	62	0.91	20	2.72	4.43	30	30	35	2.3
10. CHARLTON	6,719	191	C													
11. CHATHAM	6,071	202	E	9.90	7.82	9.82	5.32	54	2.14	22	6.41	12.89	29	29	35	3.3
12. COHASSET	7,174	179	E	21.90	21.29	21.90	15.12	69	5.03	23	7.06	12.98	53	50	35	7.6
13. DALTON	6,797	190	W	9.24	8.80	8.95	5.67	63	2.13	24	4.83	7.64	37.5	37.5	40	3.8
14. DIGHTON	5,352	218	E	2.34	2.34	2.34	1.42	61	0.57	24	3.12	3.28	15	15	15	0.9
15. DUDLEY	8,717	163	C	4.32	4.32	4.32	2.39	55	0.98	23	3.16	4.61	48	48	40	2.0
16. EAST BRIDGEWATER	9,945	152	E	12.58	12.06	11.99	7.96	66	2.46	21	4.98	5.25	49	44	35	7.3
17. FREETOWN	7,058	182	E	2.56	2.56	2.53	1.23	49	0.79	31	1.33	3.00	28	28	15	1.8
18. GEORGETOWN	5,687	210	E	10.00	10.00	9.96	5.87	59	2.80	28	5.89	9.02	31.5	27.5	20	3.0
19. GRANBY	5,380	216	W	6.25	6.24	6.21	3.84	62	1.67	27	3.51	4.51	29.5	25.5	35	2.2
20. GREAT BARRINGTON	7,405	174	W	14.38	13.26	14.06	6.91	49	3.31	24	9.74	8.94	49	48.5	40	6.1
21. GROTON	6,154	201	C	11.71	10.14	11.41	7.85	69	2.48	22	7.55	7.27	35	25	36	5.0
22. GROVELAND	5,040	225	E	6.52	4.49	6.52	3.59	55	2.60	40	3.92	5.56	26	23	24.5	2.1
23. HALIFAX	5,513	213	E	10.28	9.98	10.28	5.69	55	2.25	22	3.83	7.33	40	40	40	3.6
24. HAMILTON	6,960	187	E	14.25	13.91	14.25	8.31	58	4.38	31	5.36	8.07	46	35	40	5.7
25. HANSON	8,617	165	E	4.80	4.76	4.49	2.95	66	1.08	24	2.33	2.84	39	35	35	2.4
26. HARWICH	8,971	159	E	11.74	9.34	10.27	5.35	52	2.45	24	7.20	13.87	46	48	35	6.4

## POPULATION GROUP III (5,000 - 9,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS IN WORK WEEK	FTE
27. HOPKINTON	7,114	180	C								4.33	10.07			40	5.7
28. HULL	9,714	153	E	7.36	7.36	7.36	4.31	59	2.01	27	5.36	4.04	49	48	35	3.6
29. KINGSTON	7,362	176	E	13.05	12.46	12.46	6.78	54	2.75	22	5.29	7.11	35	32.5	35	4.7
30. LAKEVILLE	5,931	206	E	3.99	3.97	3.77	2.58	68	0.62	17	2.00	2.16	21	21	21	1.6
31. LANCASTER	6,334	197	C	15.90	12.31	15.77	7.51	48	3.40	22	7.73	6.65	40	37	35	4.8
32. LEE	6,247	198	W	14.50	12.01	13.94	6.96	50	2.67	19	8.79	7.54	38	38	35	3.5
33. LEICESTER	9,446	155	C	4.91	4.90	4.77	2.95	62	1.07	22	1.64	2.75	35	28	32	3.0
34. LENOX	6,523	193	W													
35. LINCOLN	7,098	181	E	32.17	32.10	31.88	22.56	71	5.79	18	8.87	12.84	59.5	52.5	37.5	11.9
36. LITTLETON	6,970	186	C	9.66	9.03	9.65	6.90	71	1.84	19	6.81	9.82	46.5	46.5	40	4.5
37. LUNENBURG	8,405	167	C	10.13	9.75	10.06	6.54	65	2.28	23	3.17	6.37	48	44	37.5	4.9
38. MANCHESTER	5,424	215	E	15.71	15.15	14.90	9.88	66	3.12	21	8.37	10.02	45	39	37.5	3.8
39. MATTAPOISETT	5,597	212	E	6.84	6.84	6.84	4.18	61	1.42	21	3.40	5.28	26	26	26	2.4
40. MAYNARD	9,590	154	E	9.24	9.24	9.24	6.43	70	1.85	20	3.48	3.53	35	35	35	4.7
41. MEDWAY	8,447	166	E	11.09	10.61	10.61	6.34	60	2.02	19	4.26	6.03	43	36	40	5.2
42. MILLIS	6,908	188	E	8.04	8.04	8.04	5.78	72	2.03	25	6.06	7.14	42	37	35	4.0
43. MONSON	7,315	177	W	9.60	8.04	9.46	6.29	67	1.84	19	3.70	3.25	51	44	35	4.0
44. MONTAGUE	8,011	171	W	8.00	8.00	8.00	5.18	65	1.70	21	6.57	6.04	40	36	35	3.8
45. NANTUCKET	5,087	224	E													
46. NORFOLK	6,363	194	E	9.88	9.88	9.61	6.07	63	2.31	24	2.14	9.88	39	27.5	35	4.2
47. NORWELL	9,182	156	E	15.46	14.77	14.15	9.42	67	2.80	20	4.37	8.73	51	44	37.5	7.4
48. ORANGE	6,844	189	W	8.01	7.28	7.56	4.60	61	1.74	23	5.53	4.87	29	29	35	3.3
49. ORLEANS	5,306	219	E	20.93	19.27	19.79	11.80	60	4.29	22	5.52	22.52	43	36	40	6.2
50. PEPPERELL	8,061	170	C	11.72	10.46	11.69	8.10	69	2.27	19	3.55	6.70	32.5	29.5	40	6.4
51. PLAINVILLE	5,857	207	E	3.08	3.08	3.08	1.47	48	0.93	30	1.94	1.46	25	25	21	1.2
52. RAYNHAM	9,085	158	E	3.78	3.50	3.71	2.42	65	0.82	22	2.74	3.86	36	24	20	2.5

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS IN WORK WEEK	FTE
53. REHOBOTH	7,570	173	E	1.35	1.19	1.35	0.80	59	0.40	29	1.19	1.06	25	16	25	1.3
54. ROCKPORT	6,345	196	E	13.63	13.36	13.63	10.30	76	2.81	21	5.97	12.58	35	35	30	5.5
55. SALISBURY	5,973	205	E	7.36	7.32	7.32	4.59	63	1.67	23	4.42	5.21	42	42	37	3.2
56. SANDWICH	8,727	162	E	15.33	12.27	15.33	10.57	69	3.21	21	4.49	11.37	42	42	35	7.8
57. SHIRLEY	5,124	223	C	5.05	4.71	4.63	2.66	58	1.04	23	4.89	2.13	25	25	25	1.8
58. SOUTHBOROUGH	6,193	200	C	16.74	15.48	15.74	10.49	67	3.83	24	6.62	11.64	48	41	40	5.0
59. SOUTHWICK	7,382	175	W	4.32	4.15	4.19	2.36	56	1.27	30	4.15	3.58	40	40	35	1.5
60. STERLING	5,440	214	C	11.12	10.80	11.12	6.86	62	2.97	27	3.94	7.36	38	38	40	3.7
61. STOW	5,144	221	E	10.98	8.96	10.03	4.79	48	2.93	29	5.40	4.52	35	28	35	2.3
62. STURBRIDGE	5,976	204	C	6.61	6.31	6.57	4.29	65	1.26	19	2.78	5.81	48	48	20	2.8
63. SUTTON	5,855	208	C	4.79	4.71	4.79	2.93	61	1.02	21	2.88	4.30	27	27	23	2.1
64. TEMPLETON	6,070	203	C								2.03	1.97			15	1.0
65. TOPSFIELD	5,709	209	E	16.91	16.11	16.58	9.68	58	3.70	22	6.46	11.23	39	41	40	6.3
66. TOWNSEND	7,201	178	C	6.20	5.89	5.57	3.47	62	1.01	18	3.46	5.73			32	2.9
67. TYNGSBOROUGH	5,683	211	E	5.05	4.50	4.68	3.10	66	1.15	25	2.93	4.32	33	25	33	2.1
68. UXBRIDGE	8,374	168	C	9.75	7.12	8.99	4.95	55	2.77	31	4.90	5.79	30	30	35	4.0
69. WARE	8,953	160	W	9.79	7.60	9.79	4.97	51	2.18	22	4.92	6.55	33	33	33	4.0
70. WEST BOYLSTON	6,204	199	C	13.09	12.73	12.88	8.69	67	2.81	22	5.10	4.99	29.5	23	40	5.5
71. WEST BRIDGEWATER	6,359	195	E	9.44	9.44	9.44	6.14	65	1.98	21	4.36	5.49	34	29	35	3.1
72. WESTMINSTER	5,139	222	C	10.91	10.91	10.91	7.21	66	2.21	21	4.29	7.20	41	35	35	3.3
73. WILLIAMSTOWN	8,741	161	W	7.44	7.38	7.40	5.03	68	1.70	23	3.21	8.16	43	40	37.5	4.5
74. WINCHENDON	7,019	183	C	6.47	5.95	5.51	3.35	61	1.23	22	3.70	4.15	30	24	35	2.0
75. WRENTHAM	7,580	172	E	11.11	10.42	10.39	6.48	62	2.22	21	2.98	4.98	51.5	41.5	35	4.0

## Population Group IV (10,000-24,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS IN WORK WEEK	FTE
1. ABINGTON	13,517	119	E	8.55	7.70	8.07	5.86	73	1.73	21	3.00	5.24	49.5	42.5	35	6.5
2. ACTON	17,544	91	E	14.19	13.92	14.07	10.90	78	2.60	18	3.60	11.21	67	56	40	12.8
3. ADAMS	10,381	150	W	9.83	9.29	9.75	7.15	73	1.71	17	3.77	7.34	55	55	35	5.6
4. AMESBURY	13,971	112	E	13.37	12.61	13.28	9.55	72	2.68	20	7.37	8.53	58	58	35	11.3
5. ATHOL	10,634	148	C	11.73	11.17	11.15	7.26	65	2.17	19	3.12	8.03	62	53	40	7.5
6. AUBURN	14,845	107	C	15.97	15.91	15.86	10.40	66	2.70	17	3.38	7.76	61.5	51.5	35	11.3
7. BEDFORD	13,067	125	E	22.00	22.00	21.99	15.15	69	4.46	20	6.14	8.56	67	64	40	15.1
8. BELLINGHAM	14,300	109	E	3.73	3.73	3.66	2.36	65	0.94	26	1.73	3.40	45	39	35	3.5
9. BOURNE	13,874	113	E	10.65	10.46	10.33	7.34	71	1.71	17	3.42	5.85	58	58	37.5	7.9
10. BRIDGEWATER	17,202	94	E	14.27	13.92	13.34	9.17	69	2.27	17	4.52	7.09	52	38	35	13.5
11. BURLINGTON	23,486	68	E	9.78	9.71	9.50	6.83	72	1.72	18	2.72	4.64	61	52	35	11.6
12. CANTON	18,182	87	E	16.78	16.73	16.16	11.65	72	2.66	16	4.66	6.83	51.5	51.5	35	13.3
13. CLINTON	12,771	127	C	6.37	6.37	6.17	4.46	72	1.09	18	6.74	2.72	43	43	37	5.4
14. CONCORD	16,293	101	E	36.07	27.50	35.07	24.14	69	5.35	15	13.07	15.06	68	60	37.5	26.6
15. DANVERS	24,100	65	E	14.53	13.25	14.53	10.30	71	2.61	18	4.65	8.22	64	60	37.5	18.3
16. DARTMOUTH	23,966	66	E	10.98	10.69	10.71	7.00	65	1.74	16	4.01	8.43	63	63	35	16.4
17. DENNIS	12,360	130	E	5.17	2.57	4.67	1.42	30	1.25	27	4.21	5.00	40.5	39	35	2.7
18. DRACUT	21,249	73	E	6.98	6.96	6.96	4.11	59	1.25	18	1.69	3.25	53	43	35	3.6
19. DUXBURY	11,807	137	E	18.94	16.95	18.94	12.23	65	3.58	19	5.04	10.21	62	58	35	10.8
20. EAST LONGMEADOW	12,905	126	W	14.70	14.62	14.26	9.38	66	2.47	17	4.22	12.39	62	52	37	12.2
21. EASTHAMPTON	15,580	105	W	5.58	4.22	5.52	3.90	71	0.45	8	2.24	3.55	45	45	35	4.5
22. EASTON	16,623	96	E	7.24	1.79	6.97	3.51	50	1.05	15	2.89	3.77	50	28	35	6.0
23. FAIRHAVEN	15,759	103	E	11.76	10.08	11.65	6.27	54	1.76	15	5.64	4.92	60	60	37	8.2
24. FALMOUTH	23,640	67	E	19.52	17.79	18.97	12.47	66	3.03	16	6.59	13.08	51	56	37.5	22.5
25. FOXBOROUGH	14,148	110	E	12.29	12.00	11.62	7.79	67	1.99	17	4.45	4.82	42	45	35	7.9
26. FRANKLIN	18,217	86	E	7.37	7.26	7.16	5.00	70	1.17	16	2.52	5.00	50	42	35	7.3

## POPULATION GROUP IV (10,000 - 24,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS IN WORK WEEK	FTE
27. GARDNER	17,900	90	C	12.56	11.55	12.56	8.41	67	2.31	18	3.15	8.50	62.5	54.5	37.5	12.5
28. GRAFTON	11,238	143	C													
29. GREENFIELD	18,436	85	W	10.68	10.14	10.45	7.74	74	1.68	16	6.38	7.67	51	41	37.5	10.5
30. HANOVER	11,358	141	E	9.11	8.20	8.85	5.61	63	1.88	21	4.75	7.98	51	44	35	5.3
31. HARVARD	12,170	133	C	5.94	5.33	5.94	3.25	55	1.80	30	2.65	2.93	44	44	30	3.6
32. HINGHAM	20,339	77	E													
33. HOLBROOK	11,140	146	E	9.69	9.62	9.42	6.18	66	1.70	18	3.52	5.85	40	40	37.5	6.2
34. HOLDEN	13,336	123	C	14.07	13.40	13.78	10.10	73	2.20	16	3.27	10.88	52	41	35	8.9
35. HOLLISTON	12,622	129	E	7.97	7.79	7.53	5.12	68	1.35	18	3.45	7.36	52	44	37.5	5.7
36. HUDSON	16,408	97	C	10.67	10.61	10.44	7.57	72	1.91	18	2.35	5.91	61	53	37.5	9.6
37. IPSWICH	11,158	145	E	12.88	12.88	12.88	9.11	71	2.60	20	5.94	7.39	54.5	42	37.5	8.1
38. LONGMEADOW	16,301	100	W	12.55	11.58	11.86	7.71	65	2.13	18	3.67	13.08	57	50	36.3	12.1
39. LUDLOW	18,150	88	W	6.44	6.42	6.21	4.25	69	1.36	22	1.74	3.03	54.5	49.5	40	6.3
40. LYNNFIELD	11,267	142	E	17.51	16.53	17.51	11.69	67	4.52	26	5.82	11.41	64	56	35	9.6
41. MANSFIELD	13,453	121	E	9.15	8.62	8.61	5.80	67	1.92	22	2.79	5.88	48	40	36	6.6
42. MARBLEHEAD	20,126	79	E	19.90	19.90	19.85	14.28	72	3.75	19	4.56	12.32	64	60	40	21.6
43. MARSHFIELD	20,916	75	E	9.02	8.92	8.92	7.23	81	1.52	17	2.56	8.17	55.5	55.5	37.5	11.7
44. MEDFIELD	10,220	151	E	8.94	8.00	8.61	5.33	62	1.70	20	2.88	6.90	53.5	48.5	37.5	5.1
45. MIDDLEBOROUGH	16,404	98	E								6.82	4.17			37.5	6.6
46. MILFORD	23,390	69	C	4.98	4.91	4.97	3.01	61	1.57	32	1.50	2.09	50	40	35	6.6
47. MILLBURY	11,808	136	C	9.33	9.33	7.63	4.27	56	1.91	25	2.80	4.48	41	41	40	6.2
48. NEWBURYPORT	15,900	102	E	12.53	11.34	11.73	8.15	69	2.23	19	4.40	6.14	53	56	35	10.3
49. NORTH ADAMS	18,063	89	W	6.86	6.86	6.77	5.23	77	1.20	18	2.35	3.01	53	49	37.5	8.1
50. NORTH ANDOVER	20,129	78	E	11.69	10.90	11.62	8.02	69	1.99	17	2.99	5.29	67	56	38	10.9
51. NORTH ATTLEBOROUGH	21,095	74	E	6.75	6.42	6.54	4.69	72	1.05	16	1.67	4.25	50	39	37	9.3
52. NORTH READING	11,455	139	E	9.46	9.35	8.61	6.45	75	1.85	21	3.21	6.65	54	48	35	6.3

## POPULATION GROUP IV (10,000 - 24,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS IN WORK WEEK	FTE
53. NORTHBOROUGH	10,568	149	C	21.05	20.17	20.15	12.72	63	3.99	20	4.61	11.87	54	54	40	10.3
54. NORTHBRIDGE	12,246	132	C	8.44	6.98	8.24	4.70	57	1.66	20	4.00	4.77	40.5	37.5	35	4.6
55. NORTON	12,690	128	E	5.68	5.38	5.68	3.52	62	0.99	17	2.16	3.57	44	40	35	4.4
56. OXFORD	11,680	138	C	7.87	7.80	7.68	5.47	71	1.28	17	2.17	2.69	40	36	35	6.0
57. PALMER	11,389	140	W	13.44	12.88	13.44	8.08	60	1.98	15	4.36	12.11	57.5	47	35	9.3
58. PEMBROKE	13,487	120	E	5.47	5.15	5.33	3.22	60	1.18	22	3.20	4.85	42	42	35	3.6
59. READING	22,678	70	E	18.30	15.77	15.74	11.21	71	2.32	15	2.90	10.60	68.5	60	37.5	20.1
60. ROCKLAND	15,695	104	E	6.89	6.70	6.74	4.80	71	1.16	17	2.41	5.49	54	47	35	7.3
61. SAUGUS	24,746	63	E	6.14	5.91	5.91	4.55	77	0.83	14	3.06	3.44	61.5	50.5	37.5	9.8
62. SCITUATE	17,317	93	E	13.19	12.83	11.79	8.31	70	1.81	15	3.92	9.15	56	52	35	9.5
63. SEEKONK	12,269	131	E	9.08	8.91	9.08	6.41	71	2.16	24	3.23	8.75	49	49	32.5	6.9
64. SHARON	13,601	117	E	14.89	14.81	14.89	9.69	65	3.12	21	5.05	10.71	47.5	47.5	37.5	10.4
65. SHREWSBURY	22,674	71	C	17.05	16.62	16.62	9.91	60	2.84	17	4.16	8.64	59	55	37.5	19.6
66. SOMERSET	18,813	82	E	10.20	10.20	9.96	6.95	70	1.67	17	3.68	7.56	71	68	35	12.2
67. SOUTH HADLEY	16,399	99	W	12.11	12.11	12.11	8.42	70	1.97	16	3.04	7.06	54	48	35	9.7
68. SOUTHBRIDGE	16,665	95	C	12.87	12.25	12.65	7.48	59	2.63	21	3.16	6.08	58	58	37.5	10.5
69. SPENCER	10,774	147	C	6.33	4.82	6.33	4.14	65	1.32	21	2.64	4.80	41	41	24	3.7
70. STONEHAM	21,424	72	E	13.33	13.33	13.07	9.35	72	2.13	16	3.50	5.87	59	51	35	15.4
71. SUDBURY	14,027	111	E	16.29	16.16	16.23	11.81	73	2.66	16	3.77	12.40	64	52	35	11.1
72. SWAMPSCOTT	13,837	114	E	15.24	15.03	15.24	11.28	74	2.71	18	5.19	7.81	60	52	35	11.3
73. SWANSEA	15,461	106	E	5.17	4.79	5.17	2.78	54	1.65	32	3.44	4.68	50	50	37.5	6.0
74. TEWKSBURY	24,635	64	E	5.62	5.62	5.62	4.10	73	0.87	16	1.57	2.84	58	51	37.5	6.4
75. WAKEFIELD	24,895	62	E	17.69	17.69	17.63	11.88	67	3.07	17	4.43	7.36	61	53	35	18.3
76. WALPOLE	18,859	81	E	12.51	12.27	12.37	8.26	67	2.83	23	5.11	7.91	63	55	35	12.6
77. WAREHAM	18,457	83	E	6.76	6.22	6.63	4.02	61	1.76	27	1.67	3.83	53	50	35	6.0
78. WAYLAND	12,170	133	E	21.36	21.04	21.36	15.30	72	3.89	18	5.56	13.02	67	57	35	12.4



## POPULATION GROUP IV (10,000 - 24,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS IN WORK WEEK	FTE
79. WEBSTER	14,480	108	C	6.86	6.28	6.86	4.95	72	1.24	18	2.61	5.75	45	45	35	6.5
80. WESTBOROUGH	13,619	116	C	16.77	15.86	16.42	10.78	66	2.96	18	3.56	8.57	53	53	35	10.9
81. WESTFORD	13,434	122	E	14.92	14.29	13.50	9.97	74	2.15	16	2.86	8.07	59	44	40	11.0
82. WESTON	11,169	144	E	22.44	21.72	21.86	14.86	68	4.28	20	5.20	12.17	56	56	37.5	12.4
83. WESTPORT	13,763	115	E	6.18	6.10	6.09	3.90	64	1.04	17	2.18	5.35	48	42	35	4.9
84. WESTWOOD	13,212	124	E	25.08	24.98	24.72	17.94	73	3.93	16	7.54	12.05	67	60	35	15.6
85. WHITMAN	13,534	118	E	4.90	3.45	3.89	2.47	64	0.98	25	2.07	2.40	48.5	46.5	35	3.6
86. WILBRAHAM	12,053	135	W	12.50	12.27	12.12	6.79	56	2.29	19	4.47	9.12	51	44	35	7.7
87. WILMINGTON	17,471	92	E	11.18	11.18	11.18	8.66	77	2.11	19	4.40	6.90	60	52	35	9.8
88. WINCHESTER	20,701	76	E	24.61	24.40	24.49	16.70	68	3.97	16	5.51	11.11	63	44.5	35	22.9
89. WINTHROP	19,294	80	E	7.81	7.56	7.58	5.82	77	1.23	16	4.54	3.75	50	43	37.5	9.1
90. YARMOUTH	18,449	84	E	6.92	5.71	6.69	3.20	48	1.64	24	3.52	9.64	50	50	35	6.4



Population Group V  
(25,000-49,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS IN WORK WEEK	FTE
1. AGAWAM	26,271	57	W	9.13	8.91	8.81	5.30	60	1.66	19	3.06	5.35	65	57	35	12.1
2. AMHERST	33,229	41	W	14.50	13.10	13.98	9.20	66	2.25	16	3.62	7.07	63	59	37.5	30.1
3. ANDOVER	26,370	56	E	28.01	28.01	28.01	16.51	59	4.81	17	7.13	12.47	71	60	37.5	30.4
4. ARLINGTON	48,219	22	E	17.34	16.67	17.32	12.29	74	2.59	16	3.49	7.85	69	60	35	38.9
5. ATTLEBORO	34,196	40	E	7.57	6.91	7.50	4.77	64	1.59	21	3.35	4.30	63	50	35	14.3
6. BARNSTABLE	30,898	43	E	19.52	12.45	18.57	9.69	52	3.00	16	6.03	11.13	65	65	40	27.6
7. BELMONT	26,100	58	E	21.80	21.80	21.67	16.43	76	2.69	12	5.32	11.29	69	57	35	24.8
8. BEVERLY	37,655	30	E	12.82	11.91	12.18	8.85	73	1.97	16	3.62	6.18	66	52	35	19.6
9. BILLERICA	36,727	32	E	6.44	6.44	6.35	4.25	67	0.90	14	1.46	3.15	64	56	37.5	11.7
10. BRAINTREE	36,337	36	E	13.72	13.47	13.05	8.87	68	1.96	15	3.00	5.61	61	52.5	38	23.9
11. CHELMSFORD	31,174	42	E	12.26	11.64	12.19	8.57	70	2.31	19	3.26	7.37	66	63	37.5	21.7
12. CHELSEA	25,431	60	E	9.43	9.43	9.43	6.98	74	1.72	18	5.97	4.89	63	42	35	12.0
13. DEDHAM	25,298	61	E	13.61	12.77	13.16	8.45	64	2.16	16	6.42	6.21	64	64	37.5	17.9
14. EVERETT	37,195	31	E	10.23	9.79	10.10	7.52	74	1.55	15	5.18	4.48	72	56	37	22.1
15. FITCHBURG	39,580	28	C	15.55	14.26	15.51	10.16	65	2.31	15	4.37	6.40	65	54	37.5	30.8
16. GLOUCESTER	27,768	52	E	12.14	9.96	11.67	8.68	74	1.58	14	3.81	5.48	63	59	32.5	15.7
17. HAVERHILL	46,865	23	E	10.00	7.82	10.00	6.32	63	1.33	13	3.69	4.51	65.5	61.5	40	24.1
18. HOLYOKE	44,678	26	W	6.12	4.70	5.57	3.34	60	1.07	19	3.31	2.49	64	56	35	13.9
19. LEOMINSTER	34,508	38	C	9.96	9.60	9.96	6.72	67	1.59	16	3.01	5.32	61	57	37.5	17.8
20. LEXINGTON	29,479	47	E	28.53	24.51	28.47	18.08	63	4.82	17	7.25	16.52	70	66	37	42.7
21. MARLBOROUGH	30,617	44	E	10.09	9.70	10.03	6.76	67	1.55	15	3.85	6.35	67	54	35	16.8
22. MELROSE	30,055	45	E	11.87	10.29	10.20	7.21	71	2.17	21	4.09	7.05	65	56	37	16.6
23. METHUEN	36,701	33	E	4.22	1.61	4.22	2.73	65	0.64	15	1.39	2.57	63	51	35	8.8
24. MILTON	25,860	59	E	15.46	14.49	15.36	11.11	72	2.49	16	5.44	8.06	68	60	37.5	18.4
25. NATICK	29,461	48	E	16.99	15.86	16.69	11.77	71	2.21	13	4.62	8.31	68.5	56.5	37.5	22.7
26. NEEDHAM	27,901	51	E	18.86	18.28	18.00	12.45	69	3.15	18	4.84	10.85	68	64	37.5	24.2

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS IN WORK WEEK	FTE
27. NORTHAMPTON	29,286	49	W	16.75	13.15	16.37	11.18	68	2.56	16	12.35	9.00	69	69	37.5	30.8
28. NORWOOD	29,711	46	E	14.00	14.00	14.00	10.38	74	1.71	12	2.85	6.29	72	60	35	19.6
29. PEABODY	45,976	24	E	9.29	8.42	9.29	5.07	55	1.19	13	1.89	2.39	69	65	35	15.8
30. PLYMOUTH	35,913	37	E	9.69	9.69	9.69	7.09	73	1.44	15	2.40	5.65	60	55	37.5	18.1
31. RANDOLPH	28,218	50	E	7.39	7.39	7.33	5.07	69	1.20	16	2.41	5.24	60	46	35	10.7
32. REVERE	42,423	27	E	3.36	3.36	3.36	2.57	77	0.45	13	1.58	1.11	65	53	40	9.7
33. SALEM	38,220	29	E	12.87	11.36	12.83	8.73	68	2.23	17	5.00	4.86	64	64	35	23.0
34. STOUGHTON	26,710	55	E	12.10	12.10	12.10	8.23	68	2.11	17	4.23	6.24	64	56	35	14.2
35. TAUNTON	45,001	25	E	7.28	7.12	7.28	5.22	72	1.12	15	5.43	4.29	64	55	35	20.5
36. WATERTOWN	34,384	39	E	20.66	20.61	20.55	15.46	75	2.62	13	3.66	5.99	60	49	37	36.5
37. WELLESLEY	27,209	53	E	26.11	25.88	26.11	17.02	65	4.79	18	8.07	11.94	66	63	35	32.2
38. WEST SPRINGFIELD	27,042	54	W	9.33	8.99	8.95	6.13	68	1.42	16	3.43	5.41	47	41	37.5	11.1
39. WESTFIELD	36,465	35	W	11.63	10.77	11.63	8.19	70	1.54	13	4.10	9.09	63	54.5	37	23.5
40. WOBURN	36,626	34	E	6.71	6.61	6.68	5.15	77	0.88	13	2.75	2.60	64	47	37.5	13.6



# Population Group VI (50,000-99,999)

POPULATION GROUP VI (50,000 - 99,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS W IN	OPEN SUM	HRS IN WORK WEEK	FTE
1. BROCKTON	95,172	6	E	7.58	7.52	7.58	5.87	77	0.88	12	2.99	4.16	64	52	35	41.7
2. BROOKLINE	55,062	19	E	26.07	25.84	25.66	18.33	71	4.14	16	6.89	8.43	63	61	37	55.7
3. CAMBRIDGE	95,322	5	E	14.07	14.06	14.02	11.23	80	1.65	12	4.54	6.14	68	60	37.5	65.9
4. CHICOPEE	55,112	18	W	7.25	7.16	7.01	5.39	77	1.05	15	1.93	3.52	63	50.5	35	26.6
5. FALL RIVER	92,574	7	E	4.95	4.86	4.79	3.27	68	0.88	18	3.51	2.40	64	56	35	23.1
6. FRAMINGHAM	65,113	13	E	14.63	14.21	14.18	10.44	74	2.73	19	3.27	7.35	67.5	60.5	37.5	44.9
7. LAWRENCE	63,175	14	E	7.26	7.14	7.24	3.86	53	1.08	15	3.82	1.06	64	40	35	15.9
8. LOWELL	92,418	8	E	4.53	4.40	4.45	3.78	85	0.52	12	2.07	1.85	63.5	49	35	26.7
9. LYNN	78,471	11	E	7.53	7.39	7.52	5.96	79	1.00	13	3.35	2.39	63	43	35	33.0
10. MALDEN	53,386	20	E	9.07	7.48	8.44	5.50	65	1.33	16	4.10	2.95	66	54	35	23.5
11. MEDFORD	58,076	16	E	9.72	9.72	9.72	7.78	80	1.20	12	2.07	2.63	65	57	35	25.5
12. NEW BEDFORD	98,478	4	E	9.05	8.08	8.61	6.66	77	0.93	11	4.46	4.06	64	64	35	55.3
13. NEWTON	83,622	10	E	16.23	15.90	16.06	11.47	71	2.18	14	4.64	6.73	69	62	37.5	67.4
14. PITTSFIELD	51,974	21	W	9.01	8.62	9.06	7.28	80	1.15	13	3.76	7.28	63	59	35	28.1
15. QUINCY	84,743	9	E	11.49	11.25	11.25	8.27	74	1.60	14	2.61	4.55	62	54	35	38.4
16. SOMERVILLE	77,372	12	E	8.89	8.35	8.48	7.04	83	0.96	11	2.78	2.40	61	57	35	35.2
17. WALTHAM	58,200	15	E	6.90	6.90	6.90	5.61	81	0.89	13	2.56	4.03	63	53	35	20.6
18. WEYMOUTH	55,601	17	E	8.19	7.99	7.94	6.03	76	0.99	13	2.84	4.72	67	56	35	25.2





# Population Group VII (100,000 +)

## POPULATION GROUP VII (100,000+)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC \$ P C	APPRO MUNIC INC \$ P C	TOT OPRTG EXP \$ P C	SALARY \$ PER CAP	EXP % TOT EXP	MATERLS \$ PER CAP	EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS W IN	OPEN SUM	HRS IN WORK WEEK	FTE
1. BOSTON	562,994	1	E	22.49	21.83	22.11	14.38	65	3.03	14	9.73	1.57	68	64	35	522.1 +
2. SPRINGFIELD	152,319	3	W	19.70	17.94	19.70	14.58	74	2.74	14	4.58	6.20	64	52	37.5	148.3
3. WORCESTER	161,799	2	C	15.11	14.28	14.16	10.07	71	2.15	15	5.44	4.23	67	63	40	129.3



Section Three:  
FY84 Library Incentive Grant Application  
Page 2

Annual Report Information Survey  
Last Page

**A. TOTAL OPERATING INCOME (in whole dollars)**

## 1. Appropriated Municipal Income

- a. Municipal Appropriation .....
- b. Carry-over .....
- c. Library Incentive Grant .....
- d. Dog Tax Fund .....
- e. Federal Revenue Sharing .....
- f. Additional Aid to Public Libraries .....
- g. Other .....

## 2. Additional Monies — Nongrant

- a. Trusts and Endowments .....
- b. Monetary Gifts .....
- c. Miscellaneous .....

## 3. Additional Monies — Grant

- a. Non-governmental Grants .....
- b. LSCA .....
- c. Other Federal Grants .....
- d. Other State Grants .....
- e. Regional & Subregional Monies .....

**BOX A**

Total  
Appropriated  
Municipal Income

**C. CAPITAL PROGRAMS & OUTLAYS\***

## 1. Income

- a. Appropriated  
Municipal Income .....
- b. Additional Aid to Public Libraries .....
- c. Additional Monies .....

**BOX C1****TOTAL****BOX C2**

## 2. Expenditures .....

\* Funds reported in Section C should not be reported in Sections A or B

**B. TOTAL OPERATING EXPENDITURES (in whole dollars)**

Report from A1 and A2 above, exclude A3 above.

## 1. Salaries .....

## 2 a. Library Print Materials

- 1. books.....
- 2. periodicals.....
- 3. microforms.....

**Library Print Materials Subtotal****b. Library Non-Print &  
Additional Materials .....****Box B1**

Total Salary  
Expenditures

**Box B2**

Total Materials  
Expenditures

**Box B3**

Other Operating  
Expenditures

**Box B**

Total Operating  
Expenditures

## 3. Other Operating Expenditures .....

READ THESE INSTRUCTIONS BEFORE COMPLETING THE APPLICATION: If the instructions are unclear or do not address a particular situation existing in your library, please call the Library Incentive Grant Unit staff at 1-800-952-7403 or 267-9400.

Instructions corresponding to each page of the Application are separated below by a broken horizontal line. Instructions for the various sections and standards covered on each page of the Application are separated below by a solid horizontal line.

p1 At the bottom of the page give the inclusive dates of the fiscal year for which you are reporting only if it differs from FY84, that is 1 July 1983 through 30 June 1984.

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p2 A TOTAL OPERATING INCOME (Please report in whole dollars)

Exclude - income earmarked for capital programs and outlays

p2 A1 Appropriated Municipal Income

A1a Municipal Appropriation

Include + funds appropriated for operating expenditures

+ appropriations received through the supplemental budget process

Exclude - Carry-over from FY83

- Library Incentive Grant

- Dog Tax Fund

- Federal Revenue Sharing

- Additional Aid to Public Libraries

- Other (appropriated)

- Regional and Subregional monies

A1b Carry-over: Enter "included in 1a,c,d,e,g" as appropriate if carry-over is already reported elsewhere.

Include + FY83 appropriated monies which were unencumbered and unexpended that year and authorized by the municipality for operating expenses during FY84

A1c Library Incentive Grant: Enter "included in 1a" if the amount of the Library Incentive Grant is already reported in "Municipal Appropriation" above.

Include + only the amount of funds authorized by the municipality during FY84 for the library's operating expenses

Exclude - Additional Aid to Public Libraries

A1d Dog Tax Fund: Enter "included in 1a" if the amount is already reported above.

Include + only if funds were authorized by the municipality for the library's operating expenses

A1e Federal Revenue Sharing: Enter "included in 1a" if the amount is already reported in "Municipal Appropriation" above.

Include + only if authorized by the municipality for the library's operating expenses

A1f Additional Aid to Public Libraries: Enter "included in 1a" if the amount is already reported above in Municipal Appropriation.

Include + the monies from line 15 of the FY84 Cherry Sheet if the monies were appropriated to the library to cover operating expenses. The Cherry Sheet labeled these monies as "Additional Aid to Public Libraries"; informally they have also been referred to as the "supplemental aid".

Exclude - the Library Incentive Grant monies which were noted on line 16 (labeled Public Libraries) of the FY84 Cherry Sheet.

A1g Other (appropriated): Enter "included in 1a" if the amount of other appropriated income is already reported in "Municipal Appropriation" above.

Include + appropriated revenue not specified elsewhere in A1a-f. Such revenue may be from fines and fees, duplicating machine or public access microcomputer usage, rentals, or the sale of inventory and fixed assets. Appropriated trust/endowment income should be reported here.



Exclude - receipts retained by the municipality and not authorized for the library's operating expenses

p2 Box A Add lines A1a-g and place the sum to the right in Box A labeled "Total Appropriated Municipal Income."

p2 A2 Additional Monies - Nongrant

A2a Trusts and Endowments

Include + interest or other income from trusts and endowments received between 1 July 1983 - 30 June 1984. If some or all of your trust funds and/or endowments do not follow the July - June fiscal year, please indicate that on the bottom line of page 1.

Exclude - the principal of trusts and endowments

A2b Monetary Gifts: Enter "included in 2a" if the amount is already reported above.

Include + monetary gifts received from civic and business organizations and foundations as well as from individuals

Exclude - estimated or fair market value of non-monetary gifts (such as books, paintings, furniture etc.)

- grants from foundations or civic and business organizations

A2c Miscellaneous: Enter "included in 2a or b" as appropriate if the amount is already reported elsewhere

Include + other nongrant income retained by the library and not specified in A2a or b. Such revenue may be from fines, fees, duplicating machine or public access microcomputer usage, rentals, the sale of inventory and fixed assets, or proceeds from fundraising projects or consignment shops.

Exclude - receipts returned to the municipality and not authorized for the library's operating expenses

p2 A3 Additional Monies - Grant: Monies reported here should not be reported anywhere else on the application; exclude from sections B and C.

A3a Non-governmental Grants

Include + non-governmental grant monies received as a result of a proposal prepared in response to the requirements of the grantor. Grantors may include civic and business organizations and foundations.

Exclude - state and federal governmental grant monies

A3b LSCA

Include + total grant monies received under the Library Services and Construction Act between 1 July 1983 and 30 June 1984 for library operating expenses

A3c Other Federal Grants

Include + with the exceptions noted below, federal grant monies received between 1 July 1983 and 30 June 1984 for library operating expenses

Exclude - federal revenue sharing

- LSCA

- federally subsidized employment programs such as Senior Aides funded under the Older Americans Act and programs under CETA and its successor, the Job Training Partnership Act

- federal income earmarked for capital programs and outlays

A3d Other State Grants

Include + with the exceptions of the Library Incentive Grant and the Additional Aid to Public Libraries, income from state government grants such as those awarded by the Massachusetts Arts Lottery Council.

A3e Regional and Subregional Monies: This item applies only to the libraries contracting directly with the Board of Library Commissioners.

Include + amount of state funds received for providing regional and subregional services

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p2 B

**TOTAL OPERATING EXPENDITURES (Please report in whole dollars)**

**Include** + expenditures and encumbrances from income reported above in A1a-g (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant)

+ expenditures, defined as the cost of goods delivered or services rendered

+ encumbrances, defined as a contingent liability in the form of purchase orders, contracts, or salary commitments which were not yet paid as of the last day of the fiscal year, but are to be paid out of FY84 Total Appropriated Municipal Income or Additional Monies - Nongrant. An example of an encumbrance is an order for books not yet received (or paid for) on the last day of the fiscal year, but for which funds are reserved (encumbered) to pay the bill when received. If in doubt as to whether or not a particular purchase order or other commitment is an encumbrance, check with your accountant.

**Exclude** - expenditures and encumbrances from income reported in A3a-e (Additional Monies - Grant) and C1a-c (Capital Programs and Outlays)

p2 B1

**Salaries**

**Include** + expenditures and encumbrances from income reported in A1a-g (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant) above

+ total salaries paid all staff (full-time, part-time, seasonal, substitute, hourly, etc.) holding positions routinely included in the library budget year after year

**Exclude** - contracted building maintenance services  
- salaries paid with federal monies (LSCA, CETA, the Job Training Partnership Act, etc.) other than federal revenue sharing  
- salaries paid by other municipal departments  
- pension and fringe benefit expenditures (If either or both are paid from the library's Total Appropriated Municipal Income and/or Additional Monies - Nongrant, include the amount expended in "Other Operating Expenditures" Box B3 below.)

p2 Box B1 Place the amount of salary expenditures/encumbrances to the right in Box B1 labeled "Total Salary Expenditures."

**p2 B2a1-3 Library Print Materials**

**Include** + expenditures and encumbrances from income reported in A1a-g (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant) above

+ for books, the amount expended and encumbered for books and other printed materials catalogued or made ready for use (processed) in the same manner as books

+ separate amounts for periodicals and microforms

p2 Sub-  
total    Add lines B2a1-3 and place the total below in the box labeled "Library Print Materials Subtotal."

p2 B2b    Library Non-Print and Additional Materials

Include + expenditures and encumbrances for income reported in A1a-g (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant) above

+ audio recordings (disc, reel-to-reel tape, and cassette audio recordings)

+ 8 and 16mm films if they are part of the library's permanent collection

+ other AV materials which require the use of special equipment to be seen or heard

+ additional non-book library materials which do not require the use of special equipment to be seen or heard, e.g., maps, art prints, globes, vertical file material, and games

+ microcomputer software

p2 Box B2    Add the amounts reported in the box marked Library Print Materials Subtotal and on line 32b (Library Non-Print and Additional Materials) and place the total to the right in Box B2 labeled "Total Materials Expenditures."

p2 B3    Other Operating Expenditures

Include expenditures and encumbrances:

+ from income reported in A1a-g (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant) above

+ for all purposes other than salaries and materials

+ for items such as the following, for example:

    maintenance of plant; electricity  
    telephone and telecommunications  
    equipment and film rentals

equipment maintenance contracts  
annual network and consortium membership fees  
supplies, postage; binding and rebinding  
fees for speakers; pension and fringe benefit costs  
creation of machine-readable records

Exclude - expenditures and encumbrances from income reported in A3a-e (Additional  
Monies - Grant) and C1a-c (Capital Programs and Outlays) above

p2 Box B3 Place the amount to the right in Box B3 labeled "Other Operating Expenditures."

p2 Box B Total Operating Expenditures

Add Boxes B1, B2, and B3 and place the total to the right in Box B labeled "Total Operating Expenditures."

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p2 C CAPITAL PROGRAMS AND OUTLAYS

In general, libraries where automated systems have been purchased or that are participating in automated networks for resource sharing (e.g. NOBLE, Merrimack Valley Library Cooperative, C/W MARS, etc.) should record here the income for, and expenditures on, the library's purchase of hardware associated with that membership. Also record here the income for, and expenditures on, the library's creation of machine-readable records in a retrospective conversion project if it was not reported as part of operating income and expenditures (p.2 A1-2 and B1-3) or grant operating income (p.2 A3).

p2 C1 INCOME (Capital)

Include + income for capital programs or outlays, generally defined as resulting in the acquisition of, or addition to, fixed assets which will remain usable in excess of one year. Municipalities, however, often have their own definition of what constitutes a capital program or outlay. If available, use the municipality's definition or that of the Board of Trustees. Note that any income reported here in section C1 should not be reported in section A.

C1a Appropriated Municipal Income (Capital)

Include + appropriations for capital programs and outlays from sources of income comparable to the operating income sources listed in section A1a-e and g.

C1b Additional Aid to Public Libraries

Include + Additional Aid to Public Library monies appropriated for library capital programs and outlays.  
Additional Aid to Public Libraries monies were reported to municipalities on line 15 of the  
FY84 Cherry Sheet and informally have been called "supplemental aid" funds.

Exclude - any Library Incentive Grant monies appropriated for Capital programs and outlays. Such income  
should be reported on line C1a.

C1c Additional Monies (Capital)

Include + income for capital programs and outlays from sources of income comparable to the operating  
income sources listed in sections A2 and A3, for example:  
interest from trusts and endowments  
monetary gifts  
Friends of the Library  
federal monies excluding federal revenue sharing  
selected state monies

p2 Box C1 Add lines C1a-c and place the sum in the box below labeled C1.

p2 C2 Expenditures (Capital)

Include + all expenditures and encumbrances for capital programs and outlays taken from the sources of  
income listed above in C1a-c. Note that any expenditures reported here in section C2 should  
not be reported in section B.

p2 Box C2 Place the sum of all such expenditures and encumbrances to the right in the box labeled C2.



## A. HOLDINGS

## 1. LIBRARY PRINT MATERIALS

- a. Volumes Owned.....
- b. Volumes of Bound Periodicals.....
- c. Periodical Subscriptions Rec'd.....
- d. Physical Units of Microforms.....

## 2. LIBRARY NON-PRINT &amp; ADDITIONAL MATERIALS

- a. Audio Recordings.....
- b. Films 8mm.....
- c. Films 16mm.....
- d. Filmstrips.....
- e. Slide Sets.....
- f. Videotapes:.....reels \_\_\_\_\_ + cassettes \_\_\_\_\_ =
- g. Multi-media Kits.....
- h. Framed Art Prints.....
- i. Other.....

TOTAL A

## B. CIRCULATION

## 1. LIBRARY PRINT MATERIALS

- a. Direct Circulation to Users.....
- b. Circulation from other Libraries to Users (ILL).....
- c. Circulation to other Libraries (ILL).....

## 2. LIBRARY NON-PRINT &amp; ADDITIONAL MATERIALS

- a. Audio Recordings.....
- b. Films 8mm.....
- c. Films 16mm.....
- d. Filmstrips.....
- e. Slide Sets.....
- f. Videotapes:.....reels \_\_\_\_\_ + cassettes \_\_\_\_\_ =
- g. Multi-media Kits.....
- h. Framed Art Prints.....
- i. Other.....

TOTAL B

Data reported on this page should be for FY84, covering the 12-month period between July 1, 1983 and June 30, 1984. If data are reported for another 12-month period, please supply inclusive dates here \_\_\_\_\_.



## ANNUAL REPORT INFORMATION SURVEY INSTRUCTIONS

### HOLDINGS AND CIRCULATION INFORMATION FOR FY84

#### A1 HOLDINGS: LIBRARY PRINT MATERIALS

- A1a Volumes Owned: Count one for each volume (i.e. physical unit, either hard or soft bound) owned by the library in its catalogued collection of books and related printed materials catalogued or processed in the same manner as books.
- A1b Volumes of Bound Periodicals: Count, according to the method used in your library, the number of volumes of hardbound periodicals owned by the library. Report "0" if the library does not own any volumes of bound periodicals.
- A1c Periodical Subscriptions Received: Count one for each title, excluding duplicate subscriptions.
- A1d Physical Units of Microforms: Count one for each roll of microfilm or each card of microfiche.

#### A2 HOLDINGS: LIBRARY NON-PRINT & ADDITIONAL MATERIALS: For each of the media listed, count materials separately by title, including one for each titled part of a series.

- A2a Audio recordings: Include discs, reel-to-reel tapes, and cassettes.
- A2b-c Films 8mm and 16mm: Count only those owned by the library.
- A2d-e Filmstrips and Slide Sets: Include sound and silent.
- A2f Videotapes: Include, if possible, a separate figure for permanent reel-to-reel tapes and cassette tapes, either commercially or non-commercially produced. Also, please provide a total count of all videotapes (excluding, of course, blank tapes).
- A2g Multi-Media Kits: A kit is a variety of media formats (usually a minimum of 3) gathered and integrated into a unit such that the varied components overlap and reinforce the value of each other. Count one for each kit title.
- A2h Framed Art Prints: Include framed art prints intended for circulation. Do not include individual photographs or clippings.
- A2i Other: Include materials not listed individually such as globes, games, puzzles, toys, realia, maps, microcomputer software, vertical file material, etc. Count one for each drawer of vertical file material; for all other items count or estimate one for each title.

Add lines A1a and A2a-h, placing the figure below on the dark line labeled "TOTAL A." Do not include lines A1b-d and A2i in the total.

B1 CIRCULATION: LIBRARY PRINT MATERIALS

- B1a Direct Circulation to Users: Count one for each book or issue of a periodical lent from the collection to users, and one for each renewal, including circulation from bookmobiles operated by the library. Circulation of materials owned by the regional public library system should also be included in this count.
- B1b Circulation from Other Libraries to Users (ILL): Count one for each book or issue of a periodical received from another library's collection and circulated to users, and one for each renewal. This figure should reflect the interlibrary loans received by the library.
- B1c Circulation To Other Libraries (ILL): Count one for each book or issue of a periodical loaned to another library, and one for each renewal. This figure should reflect the interlibrary loans sent by the library.

B2 CIRCULATION: LIBRARY NON-PRINT & ADDITIONAL MATERIALS

- B2a-i Count one for each title lent from the library's own collection, or received from the regional public library system or from another library's collection and lent to users or another library, and one for each renewal.

Add lines B1a-c and B2a-h, placing the figure below on the dark line labeled "TOTAL B." Do not include line B2i in the total.

If you have any questions, please call the Planning and Research Unit staff at 1-800-952-7403 or 267-9400.



# Municipal Index to Population Groups

<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>
ABINGTON	IV	BARRE	II	BREWSTER	III
ACTON	IV	BECKET	I	BRIDGEWATER	IV
ACUSHNET	III	BEDFORD	IV	BRIMFIELD	II
ADAMS	IV	BELCHERTOWN	III	BROCKTON	VI
AGAWAM	V	BELLINGHAM	IV	BROOKFIELD	II
ALFORD	I	BELMONT	V	BROOKLINE	VI
AMESBURY	IV	BERKLEY	II	BUCKLAND	I
AMHERST	V	BERLIN	II	BURLINGTON	IV
ANDOVER	V	BERNARDSTON	I	CAMBRIDGE	VI
ARLINGTON	V	BEVERLY	V	CANTON	IV
ASHBURNHAM	II	BILLERICA	V	CARLISLE	II
ASHBY	II	BLACKSTONE	III	CARVER	III
ASHFIELD	I	BLANDFORD	I	CHARLEMONT	I
ASHLAND	III	BOLTON	II	CHARLTON	III
ATHOL	IV	BOSTON	VII	CHATHAM	III
ATTLEBORO	V	BOURNE	IV	CHELMSFORD	V
AUBURN	IV	BOXBOROUGH	II	CHELSEA	V
AVON	III	BOXFORD	III	CHESHIRE	II
AYER	III	BOYLSTON	II	CHESTER	I
BARNSTABLE	V	BRAINTREE	V	CHESTERFIELD	I

<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>
CHICOPEE	VI	DUNSTABLE	I	FRANKLIN	IV
CHILMARK	I	DUXBURY	IV	FREETOWN	III
CLARKSBURG	I	EAST BRIDGEWATER	III	GARDNER	IV
CLINTON	IV	EAST BROOKFIELD	I	GAY HEAD	I
COHASSET	III	EAST LONGMEADOW	IV	GEORGETOWN	III
COLRAIN	I	EASTHAM	II	GILL	I
CONCORD	IV	EASTHAMPTON	IV	GLOUCESTER	V
CONWAY	I	EASTON	IV	GOSHEN	I
CUMMINGTON	I	EDGARTOWN	II	GOSNOLD	I
DALTON	III	EGREMONT	I	GRAFTON	IV
DANVERS	IV	ERVING	I	GRANBY	III
DARTMOUTH	IV	ESSEX	II	GRANVILLE	I
DEDHAM	V	EVERETT	V	GREAT BARRINGTON	III
DEERFIELD	II	FAIRHAVEN	IV	GREENFIELD	IV
DENNIS	IV	FALL RIVER	VI	GROTON	III
DIGHTON	III	FALMOUTH	IV	GROVELAND	III
DOUGLAS	II	FITCHBURG	V	HADLEY	II
DOVER	II	FLORIDA	I	HALIFAX	III
DRACUT	IV	FOXBOROUGH	IV	HAMILTON	III
DUDLEY	III	FRAMINGHAM	VI	HAMPDEN	II

<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>
HANCOCK	I	HULL	III	LUNENBURG	III
HANOVER	IV	HUNTINGTON	I	LYNN	VI
HANSON	III	IPSWICH	IV	LYNNFIELD	IV
HARDWICK	II	KINGSTON	III	MALDEN	VI
HARVARD	IV	LAKEVILLE	III	MANCHESTER	III
HARWICH	III	LANCASTER	III	MANSFIELD	IV
HATFIELD	II	LANESBOROUGH	II	MARBLEHEAD	IV
HAVERHILL	V	LAWRENCE	VI	MARION	II
HEATH	I	LEE	III	MARLBOROUGH	V
HINGHAM	IV	LEICESTER	III	MARSHFIELD	IV
HINSDALE	I	LENOX	III	MASHPEE	II
HOLBROOK	IV	LEOMINSTER	V	MATTAPANSETT	III
HOLDEN	IV	LEVERETT	I	MAYNARD	III
HOLLAND	I	LEXINGTON	V	MEDFIELD	IV
HOLLISTON	IV	LEYDEN	I	MEDFORD	VI
HOLYOKE	V	LINCOLN	III	MEDWAY	III
HOPEDALE	II	LITTLETON	III	MELROSE	V
HOPKINTON	III	LONGMEADOW	IV	MENDON	II
HUBBARDSTON	I	LOWELL	VI	MERRIMAC	II
HUDSON	IV	LUDLOW	IV	METHUEN	V

<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>
MIDDLEBOROUGH	IV	NEW SALEM	I	ORLEANS	III
MIDDLEFIELD	I	NEWBURY	II	OTIS	I
MIDDLETON	II	NEWBURYPORT	IV	OXFORD	IV
MILFORD	IV	NEWTON	VI	PALMER	IV
MILLBURY	IV	NORFOLK	III	PAXTON	II
MILLIS	III	NORTH ADAMS	IV	PEABODY	V
MILLVILLE	I	NORTH ANDOVER	IV	PELHAM	I
MILTON	V	NORTH ATTLEBORO	IV	PEMBROKE	IV
MONROE	I	NORTH BROOKFIELD	II	PEPPERELL	III
MONSON	III	NORTH READING	IV	PERU	I
MONTAGUE	III	NORTHAMPTON	V	PETERSHAM	I
MONTEREY	I	NORTHBOROUGH	IV	PHILLIPSTON	I
MT. WASHINGTON	I	NORTHBRIDGE	IV	PITTSFIELD	VI
NAHANT	II	NORTHFIELD	II	PLAINFIELD	I
NANTUCKET	III	NORTON	IV	PLAINVILLE	III
NATICK	V	NORWELL	III	PLYMOUTH	V
NEEDHAM	V	NORWOOD	V	PLYMPTON	I
NEW BEDFORD	VI	OAK BLUFFS	I	PRINCETON	II
NEW BRAINTREE	I	OAKHAM	I	PROVINCETOWN	II
NEW MARLBOROUGH	I	ORANGE	III	QUINCY	VI



<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>
RANDOLPH	V	SCITUATE	IV	STONEHAM	IV
RAYNHAM	III	SEEKONK	IV	STOUGHTON	V
READING	IV	SHARON	IV	STOW	III
REHOBOTH	III	SHEFFIELD	II	STURBRIDGE	III
REVERE	V	SHELBURNE	II	SUDBURY	IV
RICHMOND	I	SHERBORN	II	SUNDERLAND	II
ROCHESTER	II	SHIRLEY	III	SUTTON	III
ROCKLAND	IV	SHREWSBURY	IV	SWAMPSCOTT	IV
ROCKPORT	III	SHUTESBURY	I	SWANSEA	IV
ROWE	I	SOMERSET	IV	TAUNTON	V
ROWLEY	II	SOMERVILLE	VI	TEMPLETON	III
ROYALSTON	I	SOUTH HADLEY	IV	TEWKSBURY	IV
RUSSELL	I	SOUTHAMPTON	II	TISBURY	II
RUTLAND	II	SOUTHBOROUGH	III	TOLLAND	I
SALEM	V	SOUTHBRIDGE	IV	TOPSFIELD	III
SALISBURY	III	SOUTHWICK	III	TOWNSEND	III
SANDSFIELD	I	SPENCER	IV	TRURO	I
SANDWICH	III	SPRINGFIELD	VII	TYNGSBORO	III
SAUGUS	IV	STERLING	III	TYRINGHAM	I
SAVOY	I	STOCKBRIDGE	II	UPTON	II

<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>	<u>Municipality</u>	<u>Pop. Group</u>
UXBRIDGE	III	WEST SPRINGFIELD	V	WINDSOR	I
WAKEFIELD	IV	WEST STOCKBRIDGE	I	WINTHROP	IV
WALES	I	WEST TISBURY	I	WOBURN	V
WALPOLE	IV	WESTBOROUGH	IV	WORCESTER	VII
WALTHAM	VI	WESTFIELD	V	WORTHINGTON	I
WARE	III	WESTFORD	IV	WRENTHAM	III
WAREHAM	IV	WESTHAMPTON	I	YARMOUTH	IV
WARREN	II	WESTMINSTER	III		
WARWICK	I	WESTON	IV		
WATERTOWN	V	WESTPORT	IV		
WAYLAND	IV	WESTWOOD	IV		
WEBSTER	IV	WEYMOUTH	VI		
WELLESLEY	V	WHATELY	I		
WELLFLEET	II	WHITMAN	IV		
WENDELL	I	WILBRAHAM	IV		
WENHAM	II	WILLIAMSBURG	II		
WEST BOYLSTON	III	WILLIAMSTOWN	III		
WEST BRIDGEWATER	III	WILMINGTON	IV		
WEST BROOKFIELD	II	WINCHENDON	III		
WEST NEWBURY	II	WINCHESTER	IV		









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